UC-NRLF
B 4 621 120

LIBRARY
OF THE
UNIVERSITY OF CALIFORNIA.
GIFT OF
Philadelphia Com. Museum.
Accession 95535 Class

MULHALL-HARPER

Comparative Statistical Tables

AND

CHARTS

OF THE

Commerce of the World

COMPILED BY

WILLIAM HARPER

Chief of the Bureau of Information
Philadelphia Commercial Museum

PHILADELPHIA
COMMERCIAL MUSEUM
1899

COPYRIGHTED 1899

WILLIAM HARPER

CHIEF OF THE BUREAU OF INFORMATION

PHILADELPHIA COMMERCIAL MUSEUM

Comparative Statistical Tables

AND

CHARTS

OF THE

Commerce of the World

COMPILED BY

WILLIAM HARPER

Chief of the Bureau of Information
Philadelphia Commercial Museum

LIBRARY
OF THE
UNIVERSITY
OF

PHILADELPHIA
COMMERCIAL MUSEUM
1899

HA48
.H3

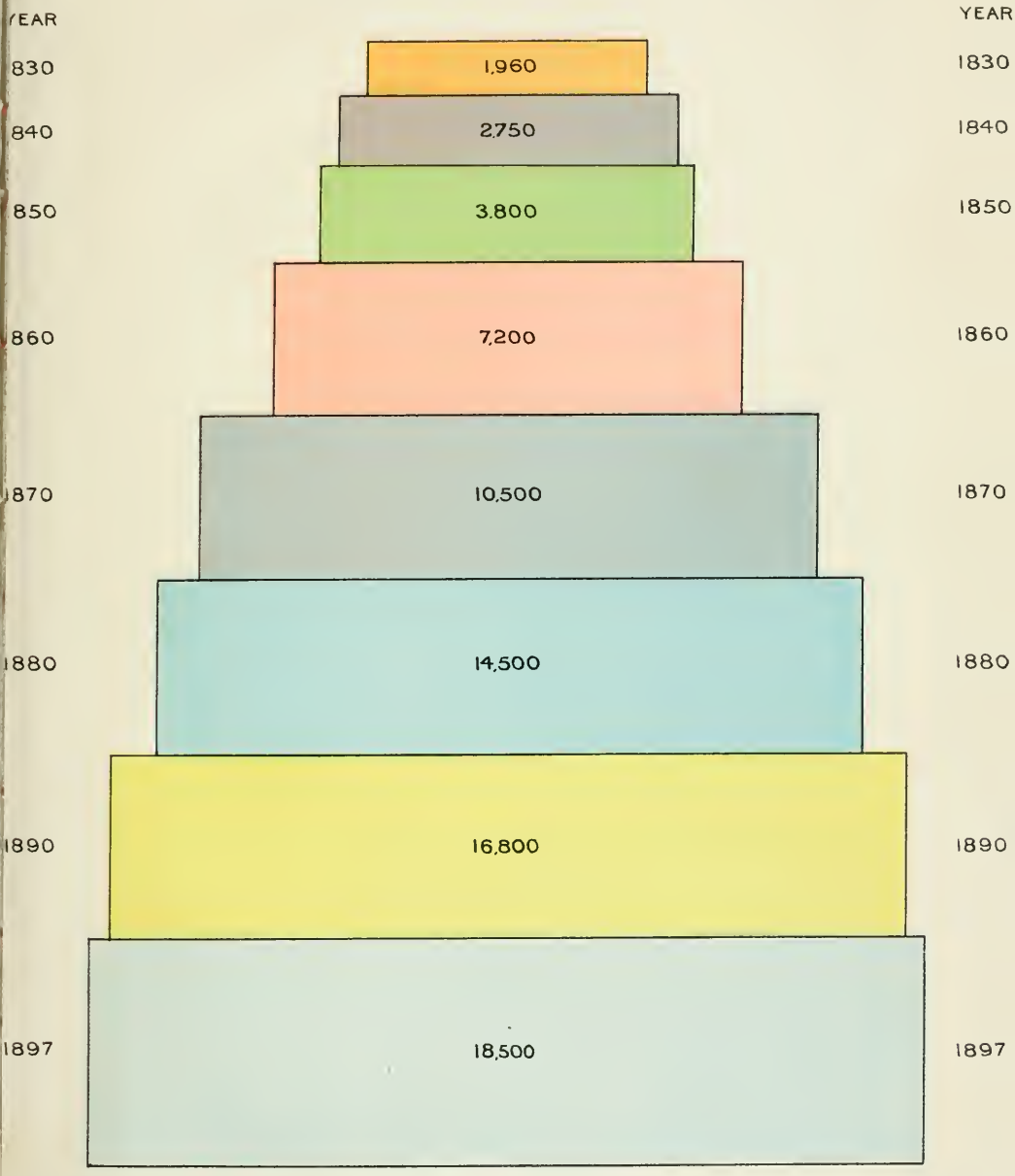
THE SHARE OF THE VARIOUS NATIONS IN THE WORLD'S COMMERCE.

	Per Cent.				
	1830.	1850.	1870.	1881-86.	1889.
United Kingdom	21.5	20.4	25.0	20.8	22.0
France	10.0	11.3	10.4	10.1	9.2
Germany	11.2	8.4	9.7	9.8	10.9
Russia	6.8	4.9	4.8	3.4	3.5
Austria	3.6	3.4	3.7	3.5	2.7
Italy	4.9	4.6	3.0	3.1	2.7
Spain and Portugal	3.2	1.9	2.3	2.3	2.3
Belgium	3.5	2.5	2.8	3.6	3.3
Holland	3.8	4.9	3.2	4.8	5.9
Scandinavia	2.0	2.1	2.2	2.1	2.1
Other European Countries.	3.5	5.0	4.7	3.5	4.0
Europe	74.0	69.4	71.8	67.0	68.6
United States	5.4	7.5	7.5	9.3	9.5
South America	8.6	8.3	5.5	3.5	3.4
British Colonies	4.6	8.9	9.5	10.7	9.0
China, etc., etc	7.4	5.9	5.7	9.5	9.5
	100.0	100.0	100.0	100.0	100.0

LIBRARY
OF THE
UNIVERSITY
OF

COMMERCE OF THE WORLD SINCE 1830

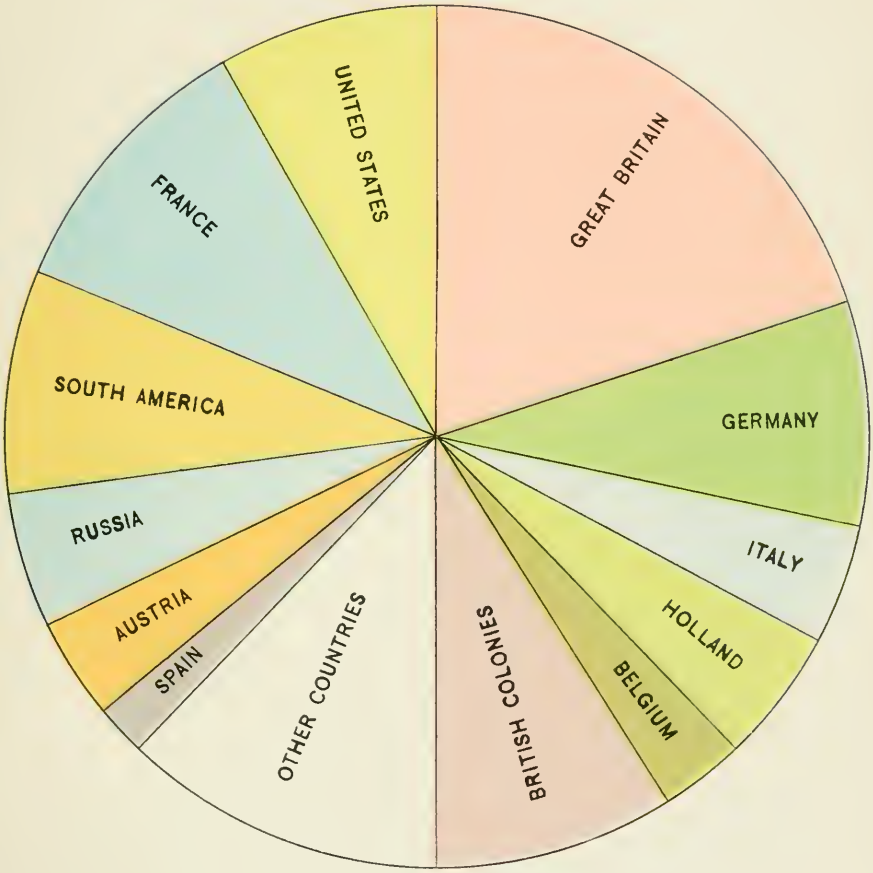
AGGREGATE OF IMPORTS AND EXPORTS, IN MILLIONS OF DOLLARS



THE ACTUAL TRADE OF THE WORLD IN 1896 COMPARED WITH JURASCHECK'S TABLE OF AVERAGES FOR FIVE YEARS, ENDING 1890, IN MILLIONS DOLLARS.

	Imports.		Exports.		Total.	
	1886-90.	1896.	1886-90.	1896.	1886-90.	1896.
United Kingdom	1,910	2,122	1,157	1,152	3,067	3,274
France	821	729	667	653	1,488	1,382
Germany	835	1,094	758	902	1,594	1,997
Russia	192	283	298	331	490	614
Austria	230	283	298	312	528	595
Italy	274	226	187	202	461	427
Spain	158	173	149	197	307	370
Portugal	43	43	24	29	67	72
Scandinavia	206	259	149	206	355	1,465
Holland	485	653	422	538	907	1,190
Belgium	293	341	254	283	547	624
Switzerland	165	202	134	144	298	346
Danubian States	86	86	72	91	158	178
Greece	24	24	19	14	43	38
Turkey	86	72	58	82	144	154
Europe	5,808	6,590	4,646	5,136	10,454	11,726
United States	744	777	753	864	1,498	1,642
Canada	120	106	96	120	216	226
Mexico	34	38	38	53	72	91
Central America	14	14	24	24	38	38
West Indies	96	96	144	134	240	230
South America	278	312	274	355	552	667
America	1,286	1,343	1,329	1,550	2,616	2,894
India	250	230	336	312	586	542
Singapore	91	135	77	120	168	254
Ceylon	19	29	14	29	34	57
Tonquin	14	14	14	14	29	29
Siam	10	10	14	14	24	24
Java	53	62	77	91	130	154
Japan	43	91	48	63	91	154
China	134	163	106	106	240	269
Siberia	19	29	24	43	43	72
Philippines	19	10	24	19	43	29
Persia	10	14	10	14	19	29
Other States	48	48	38	39	86	86
Asia	710	835	782	864	1,493	1,699
Egypt	38	48	58	62	96	110
Algeria and Tunis	53	62	48	53	101	116
Cape Colony	34	82	38	82	72	163
Transvaal	24	67	10	43	33	110
Other States	62	62	43	48	106	110
Africa	211	321	197	288	408	609
Australia	302	302	240	317	542	619
Hawaii	5	5	10	14	14	19
Oceanica	307	307	250	331	556	638
The World	8,323	9,398	7,205	8,169	15,528	17,568

COMMERCE OF THE WORLD IN 1850



COMMERCE OF THE WORLD SINCE 1830.

Aggregate of Imports and Exports. In Millions of Dollars.

	1830	1840	1850	1860	1870	1880	1890	1897
United Kingdom	422	547	811	1800	2625	3350	3552	3389
France	197	317	456	801	1089	1627	1493	1450
Germany	220	249	336	624	1017	1411	1761	1996
Russia	134	158	192	230	494	629	566	618
Austria Hungary	72	105	139	225	398	513	441	609
Italy	96	144	182	249	317	437	451	438
Spain	33	48	53	120	197	240	283	361
Portugal	14	19	24	38	48	67	86	73
Holland and Belgium	144	216	293	413	653	1137	1488	1915
United States	105	197	297	653	792	1478	1536	1815
Spanish America	168	230	336	451	648	768	797	826
British Colonies	43	101	211	494	614	974	1430	1550
India	48	96	144	249	408	518	629	440
Other Countries	264	323	326	853	1200	1351	2287	3020
The World	1960	2750	3800	7200	10500	14500	16800	18500

COMMERCE OF THE WORLD IN 1850.

Great Britain	$811,200,000
France	458,000,000
Germany	336,000,000
Spanish America	336,000,000
United States	297,000,000
British Colonies	211,000,000
Holland	192,000,000
Russia	192,000,000
Italy	183,400,000
Belgium	176,600,000
Austria	136,200,000
Spain	52,800,000
Other Countries	417,800,000
Total	$3,800,000,000

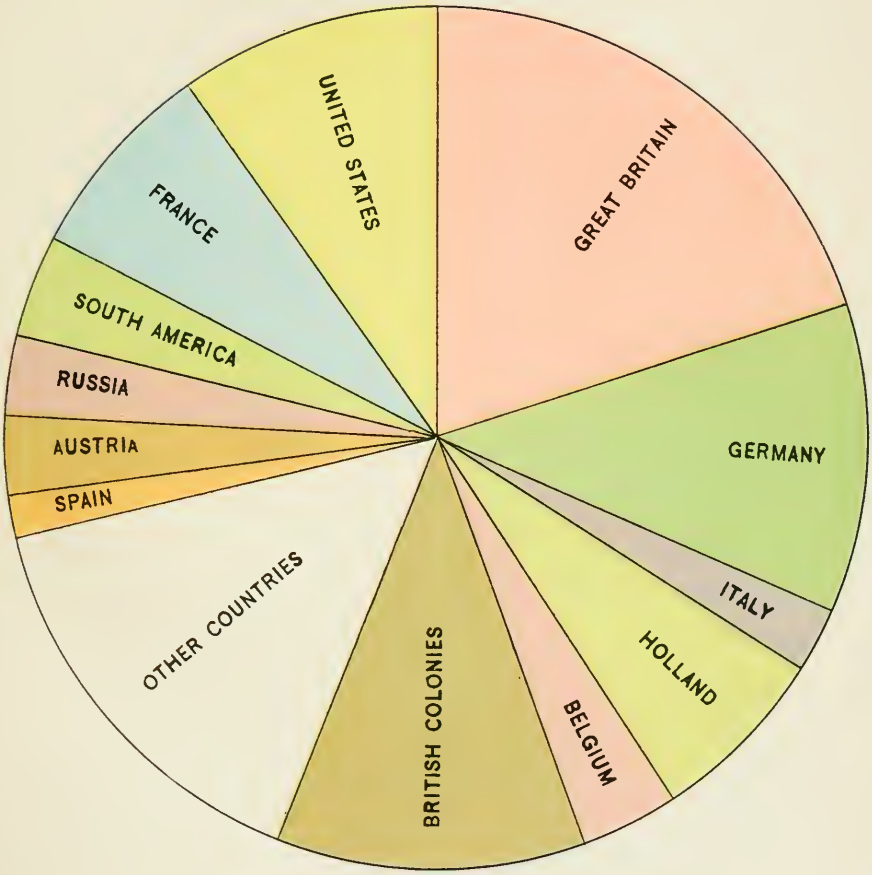
COMMERCE OF THE WORLD IN 1897.

Great Britain	$3,389,000,000
*British Colonies	1,990,000,000
Germany	1,996,000,000
United States	1,815,000,000
Holland	1,263,000,000
France	1,450,000,000
Russia	618,000,000
South America	674,000,000
Belgium	652,000,000
Austria	609,000,000
Italy	438,000,000
Spain	361,000,000

* Includes India.

LIBRARY
OF THE
UNIVERSITY
OF

COMMERCE OF THE WORLD IN 1897



LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

COMMERCE OF AMERICA IN 1897.

United States	$1,815,000,000
Canada	244,000,000
Brazil	235,000,000
West Indies	300,000,000
Argentina	193,000,000
Chile	117,000,000
Mexico	97,500,000

COMMERCE OF EUROPE IN 1897.

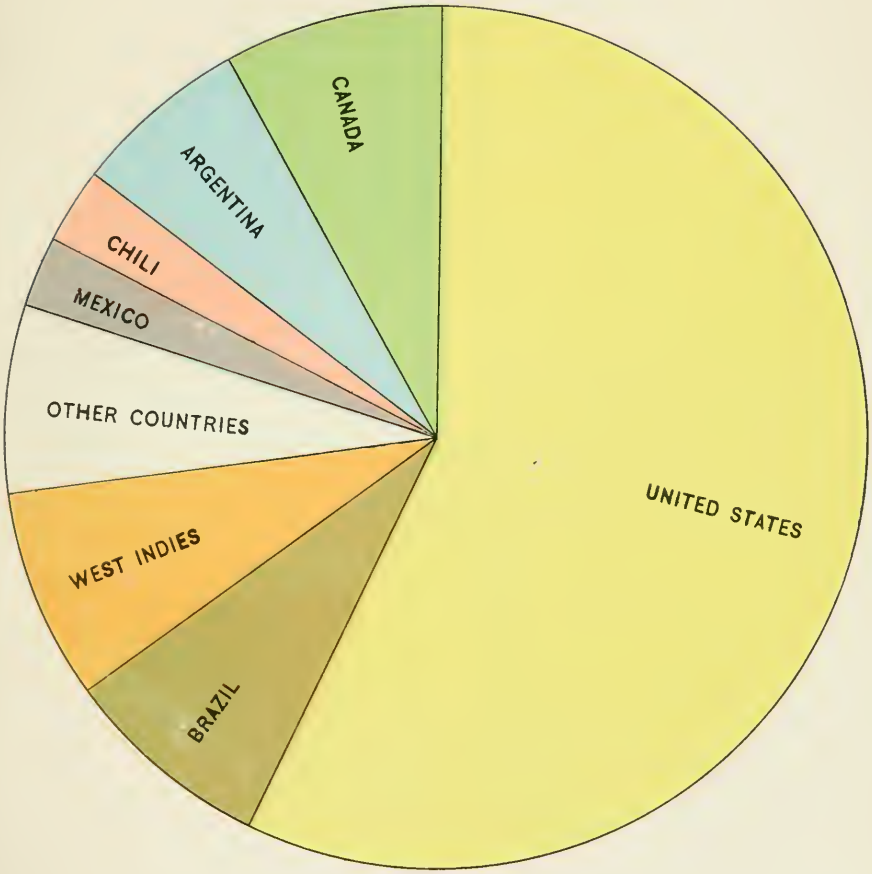
Great Britain	$3,389,000,000
Germany	1,996,000,000
France	1,450,000,000
Holland	1,263,000,000
Belgium	652,000,000
Austria	609,000,000
Russia	618,000,000
Scandinavia	465,000,000
Italy	438,000,000
Spain	361,000,000

COMMERCE OF ASIA IN 1897.

India	$439,000,000
China	286,500,000
Japan	206,500,000
Singapore	201,000,000
Java (1896)	160,000,000
Siberia (1896)	75,000,000
Ceylon	55,000,000

LIBRARY
OF THE
UNIVERSITY
OF

COMMERCE OF AMERICA IN 1897

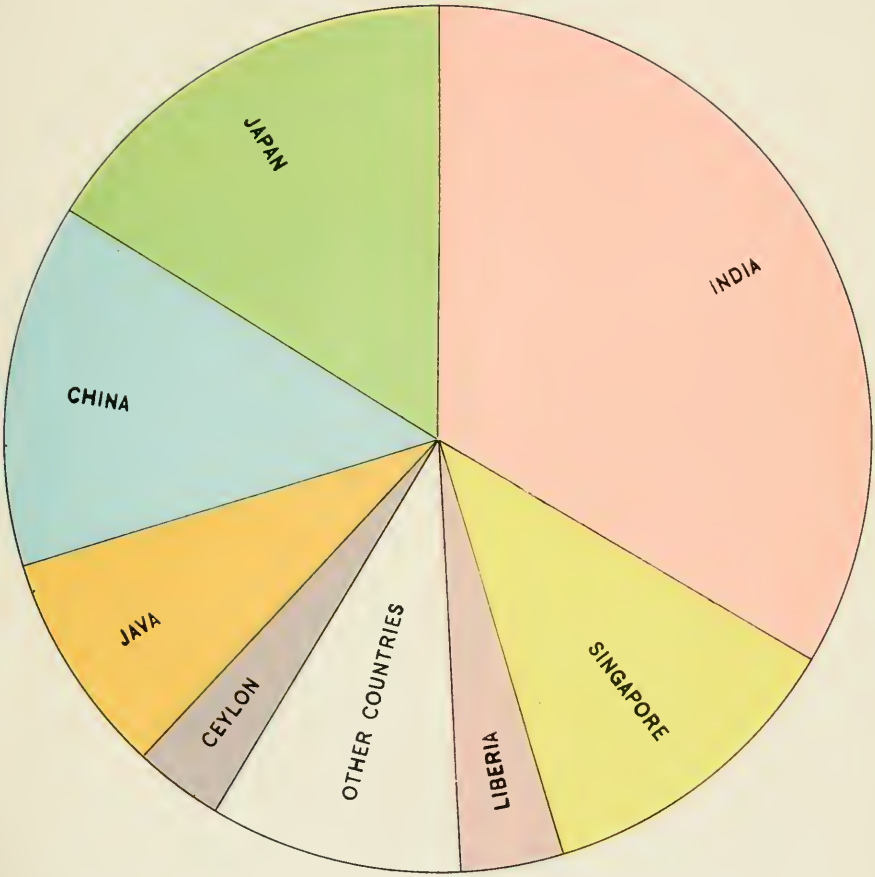


LIBRARY
OF THE
UNIVERSITY
OF

COMMERCE OF EUROPE IN 1897

LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

COMMERCE OF ASIA IN 1897



LIBRARY
OF THE
UNIVERSITY
OF

COMMERCE OF THE UNITED STATES.

Aggregate Imports and Exports.

Countries.	1847.	1877.	1887.
Great Britain	$170,933,468	$459,695,313	$531,378,122
France	44,919,524	92,696,210	125,365,294
Germany	.....	90,616,798	139,218,832
Canada	.....	63,651,558	74,177,931
Cuba	.....	79,199,973	60,061,845
Brazil	10,039,938	51,079,854	61,081,059
Other Countries	53,273,017	216,858,640	417,219,896
Total	$279,165,947	$1,053,798,346	$1,408,502,979

UNITED STATES EXPORTS AND IMPORTS IN 1897.

	Exports	Imports	Total.
Great Britain	$483,270,398	$167,947,820	$651,218,218
France	57,594,541	67,530,231	125,124,772
Germany	125,246,088	111,210,614	236,456,702
Canada	66,028,725	40,722,792	106,751,517
Cuba	8,259,776	18,406,815	26,666,591
Brazil	12,441,065	79,039,389	91,480,454
Other Countries	298,152,963	279,872,751	578,025,714
Total	$1,050,993,556	$764,730,412	$1,815,723,968

COMMERCE OF GREAT BRITAIN SINCE 1830.

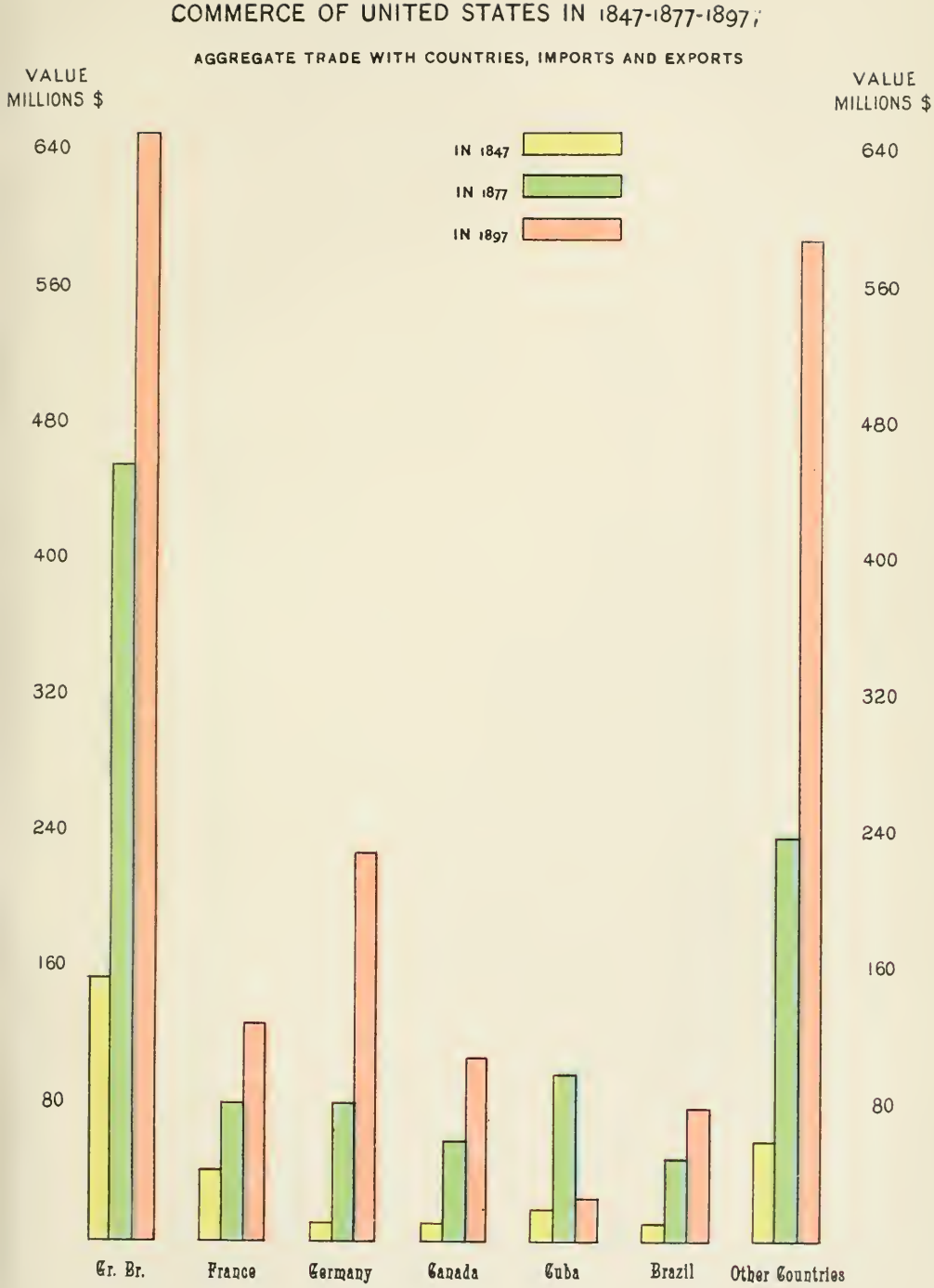
Aggregate of Imports and Exports in Millions of Dollars.

1830	428	1870	2662
1840	554	1880	3396
1850	822	1898	3718
1860	1824		

COMMERCE OF THE UNITED STATES.

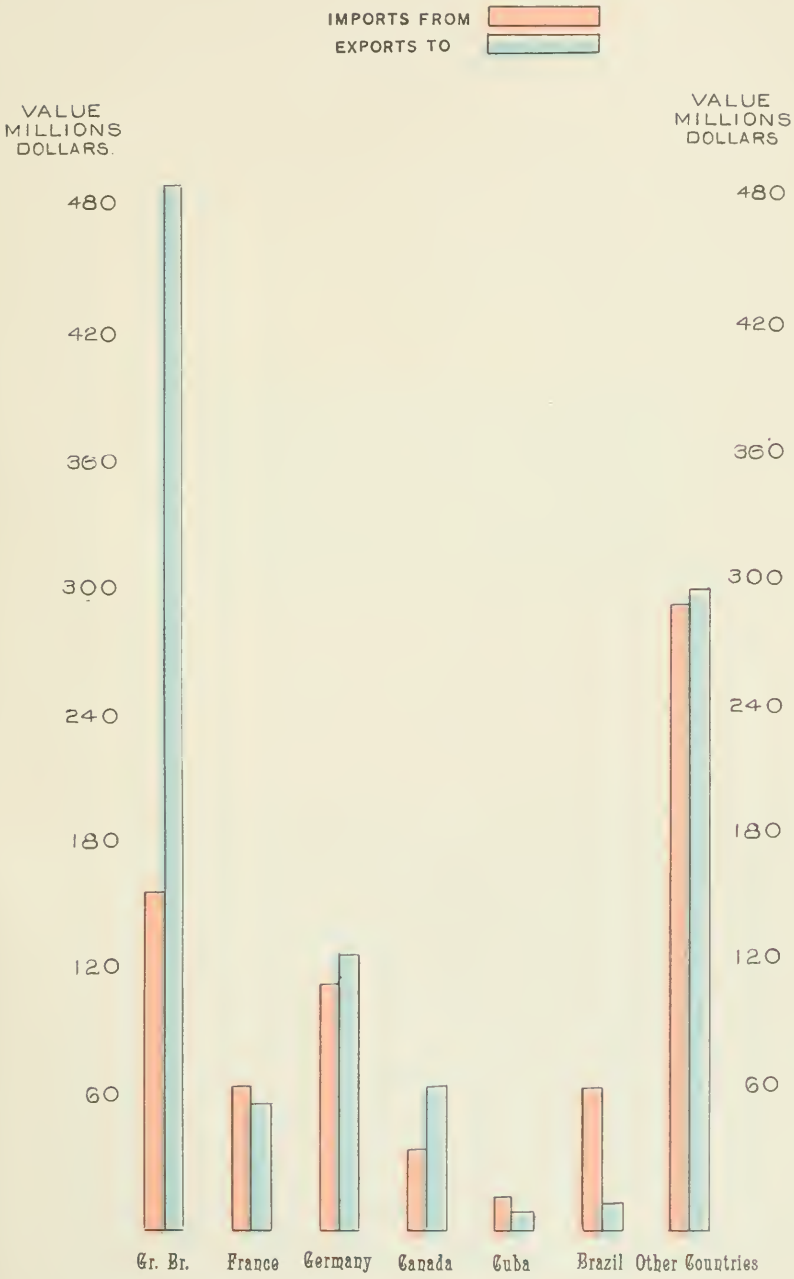
Aggregate of Imports and Exports in Millions of Dollars.

1830	136	1870	829
1840	222	1880	1504
1850	318	1890	1647
1860	687	1899	1901


COMMERCE OF UNITED STATES IN 1847-1877-1897.
AGGREGATE TRADE WITH COUNTRIES, IMPORTS AND EXPORTS
VALUE MILLIONS $
VALUE MILLIONS $
640
560
480
400
320
240
160
80
IN 1847
IN 1877
IN 1897
Gr. Br.
France
Germany
Canada
Cuba
Brazil
Other Countries

LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

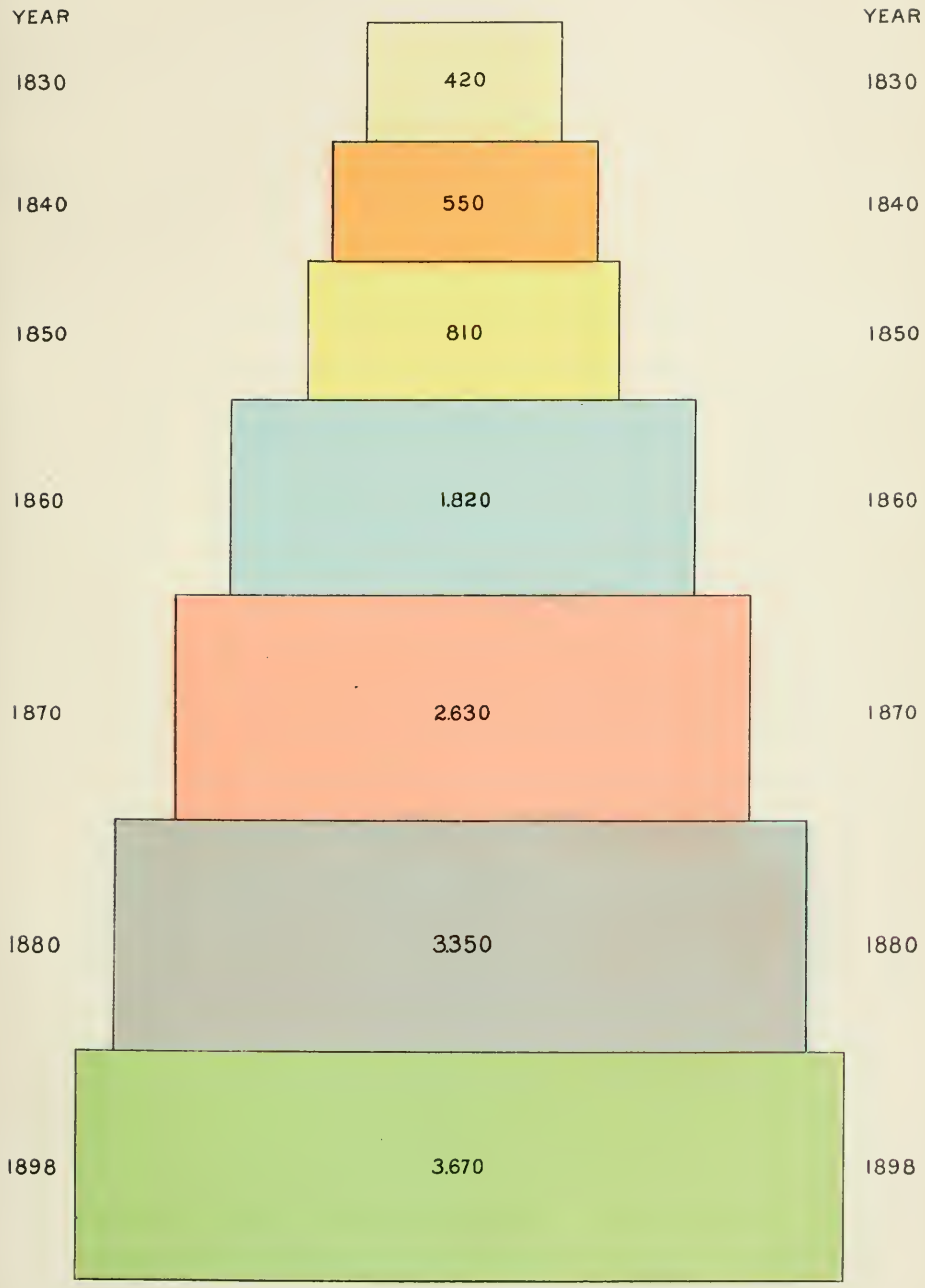
COMMERCE OF THE UNITED STATES IN 1897



LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

COMMERCE OF GREAT BRITAIN SINCE 1830

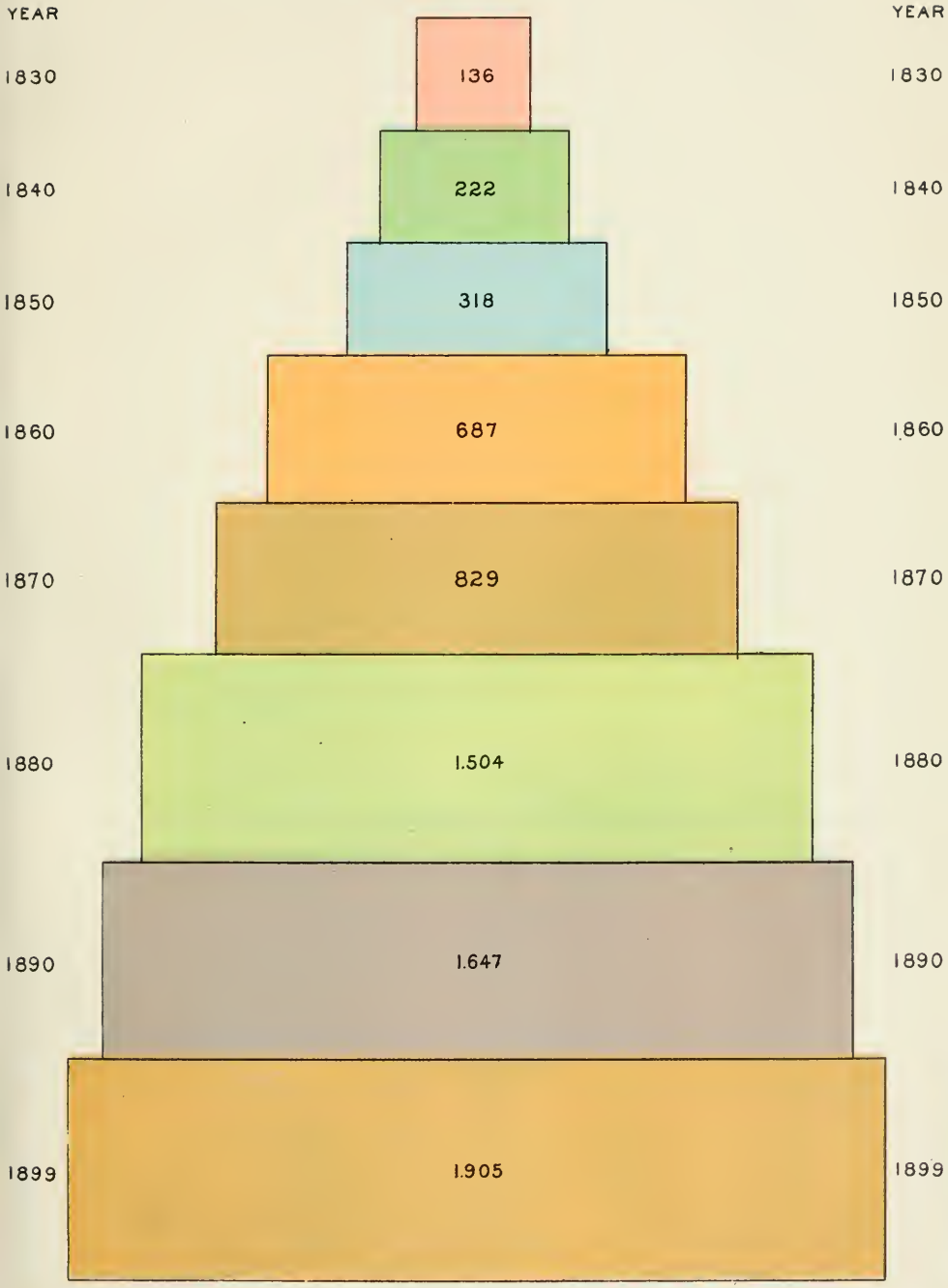
AGGREGATE OF IMPORTS AND EXPORTS IN MILLIONS OF DOLLARS



LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

COMMERCE IN THE UNITED STATES

AGGREGATE OF IMPORTS AND EXPORTS IN MILLIONS OF DOLLARS



LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

COMMERCE OF THE WORLD.

Seaborne Merchandise.

1840.

	Tons.
Grain	1,900,000
Coal	1,400,000
Timber	4,100,000
Metals	1,100,000
Sundries	9,800,000

SHIPPING OF THE WORLD SINCE 1800.

Tonnage Register and Carrying Power Under Different Flags.

	1800		1820.	
	Tonnage.	Carrying Power.	Tonnage.	Carrying Power.
British, inc. Colonies	1,856,000	1,856,000	2,654,000	2,850,000
French	250,000	250,000	350,000	450,000
German	150,000	150,000	250,000	300,000
American	970,000	970,000	1,280,000	1,340,000
Various	800,000	800,000	1,300,000	954,000
The World	4,026,000	4,026,000	5,834,000	5,894,000

	1840		1860.	
	Tonnage.	Carrying Power.	Tonnage.	Carrying Power.
British, inc. Colonies	3,311,000	3,596,000	5,713,000	7,219,000
French	634,000	664,000	930,000	1,265,000
German	550,000	580,000	700,000	850,000
American	2,180,000	2,780,000	5,350,000	7,960,000
Various	2,705,000	3,322,000	3,907,000	4,436,000
The World	9,380,000	10,482,000	16,600,000	21,730,000

	1880		1896.	
	Tonnage.	Carrying Power.	Tonnage.	Carrying Power.
British, inc. Colonies	6,903,000	16,810,000	10,400,000	30,600,000
French	1,022,000	1,753,000	890,000	2,390,000
German	890,000	1,830,000	1,500,000	4,140,000
American	5,470,000	7,700,000	4,770,000	11,850,000
Various	5,604,000	9,807,000	6,530,000	14,220,000
The World	19,889,000	37,900,000	24,090,000	63,200,000

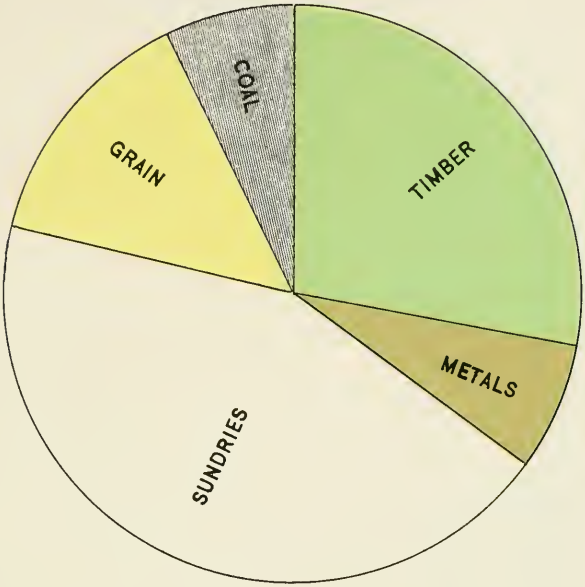
SHIPPING OF THE WORLD.

	Tonnage.		Carrying Power.	
	1860.	1896.	1860.	1896.
British	4,660,000	9,020,000	6,030,000	27,860,000
British Colonial	1,050,000	1,380,000	1,190,000	2,740,000
United States	5,350,000	4,770,000	7,960,000	11,850,000
Scandinavia	970,000	2,420,000	1,050,000	4,370,000
German	700,000	1,500,000	850,000	4,140,000
French	1,010,000	890,000	1,270,000	2,390,000
Spanish	470,000	720,000	510,000	2,310,000
Russian	400,000	790,000	520,000	1,480,000
Italian	550,000	780,000	610,000	1,440,000
Dutch	300,000	290,000	400,000	860,000
Austrian	250,000	270,000	340,000	720,000
Greek	200,000	320,000	220,000	590,000
Turkish	180,000	190,000	200,000	310,000
Various	510,000	750,000	580,000	2,140,000
The World	16,600,000	24,090,000	21,730,000	63,200,000

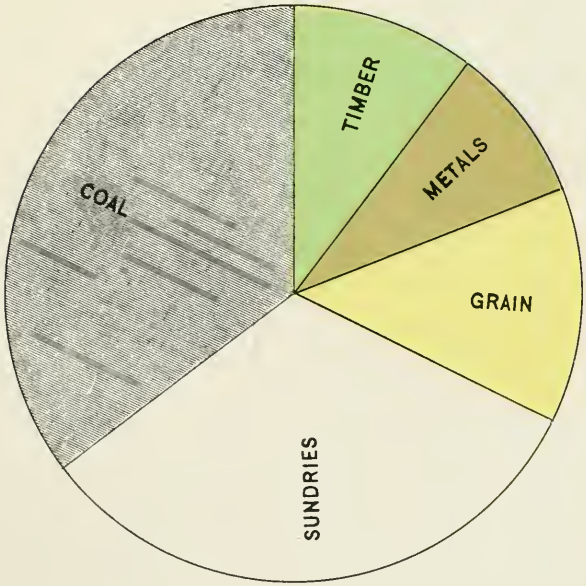
COMMERCE OF THE WORLD

SEABORNE MERCHANDISE IN ALIQUOT PARTS, AS TO WEIGHT

1840

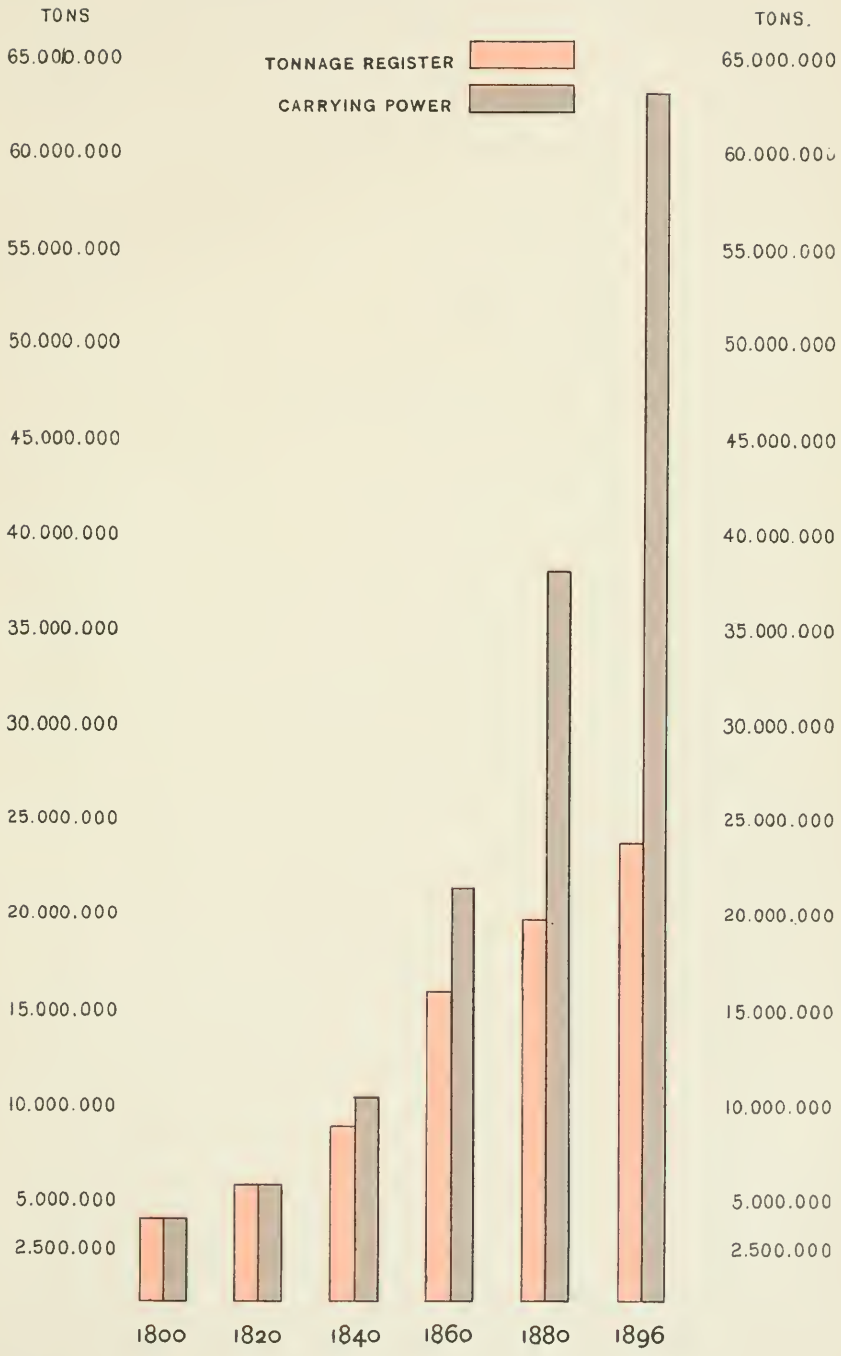


1896



LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

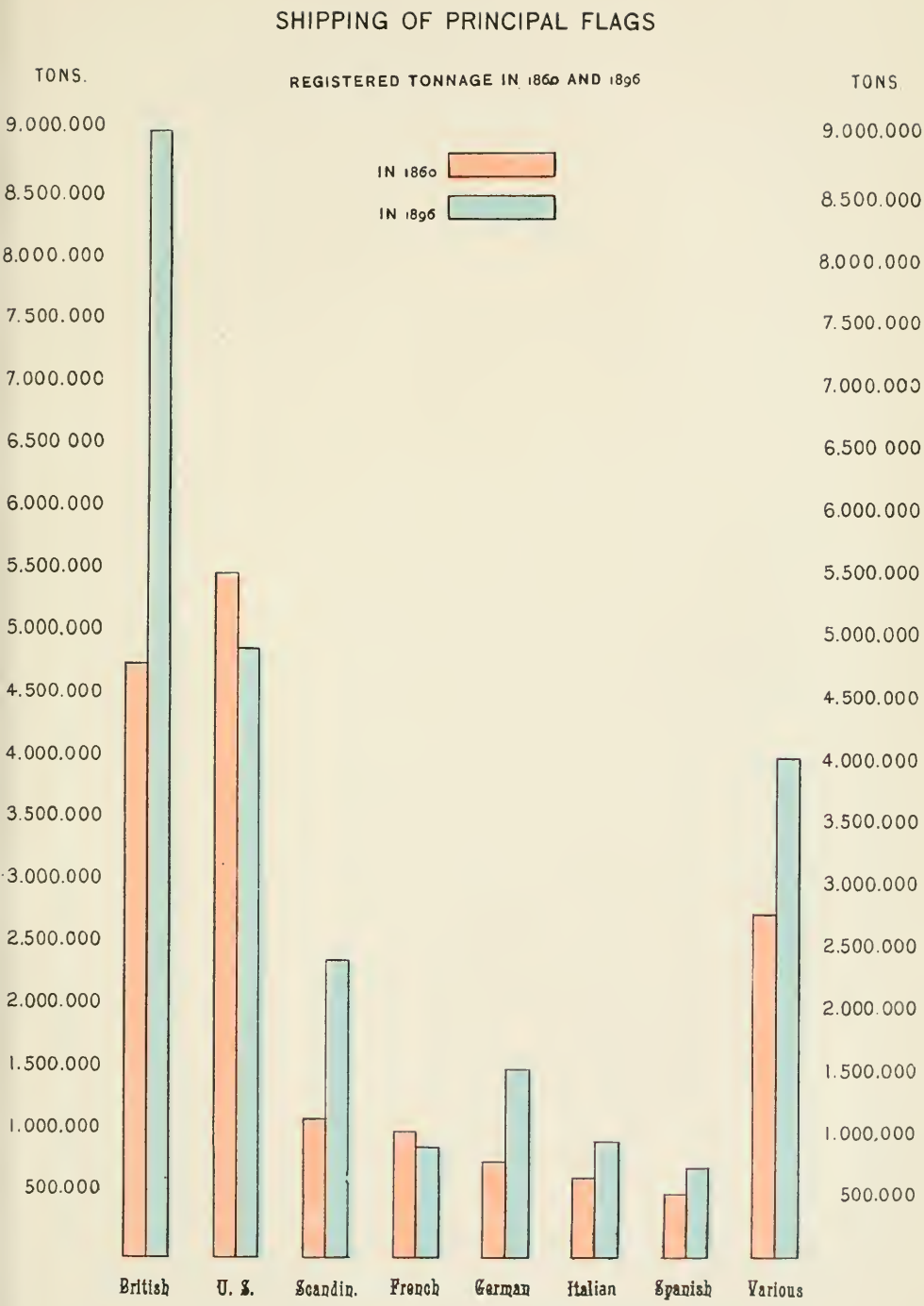
SHIPPING OF THE WORLD SINCE 1800



LIBRARY
OF THE
UNIVERSITY
OF

PROPORTIONS OF THE TONAGE AND CARRYING POWER OF VARIOUS FLAGS.

Flag.	Tonnage.		Carrying Power.	
	1860.	1896.	1860.	1896.
United Kingdom	28.0	37.5	27.7	44.1
Colonial	6.3	5.7	5.5	4.4
Total British	34.3	43.2	33.2	48.5
United States	32.2	19.8	36.5	18.7
Scandinavian	5.8	10.1	4.8	6.9
German	4.2	6.3	3.9	6.6
French	6.1	3.7	5.8	3.8
Spanish	2.8	3.0	2.3	3.7
Russian	2.4	3.3	2.4	2.3
Italian	3.3	3.3	2.8	2.3
Dutch	1.8	1.2	1.8	1.4
Various	7.1	6.1	6.5	5.8
	100.0	100.0	100.0	100.0


SHIPPING OF PRINCIPAL FLAGS
REGISTERED TONNAGE IN 1860 AND 1896
TONS.
TONS
IN 1860
IN 1896
9.000.000
8.500.000
8.000.000
7.500.000
7.000.000
6.500 000
6.000.000
5.500.000
5.000.000
4.500.000
4.000.000
3.500.000
3.000.000
2.500.000
2.000.000
1.500.000
1.000.000
500.000
British
U. S.
Scandin.
French
German
Italian
Spanish
Various

LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

WEALTH OF ALL NATIONS IN 1896.

Millions of Dollars.

Germany	$38,650
France	46,512
Great Britain	56,669
United States	78,480
Russia	30,840
Austria	21,658
Italy	15,168
Spain	11,424
Other Countries	38,476
	337,877

WEALTH IN DOLLARS PER INHABITANT.

Spain	$648
Holland	878
United States	1,123
Australia	1,229
Great Britain	1,450
France	1,210
Denmark	1,104
Germany	749
Italy	485

COMPARISON BETWEEN WEALTH AND DEBT OF NATIONS IN 1898.

	1896. Wealth.	1898. Debt.	Debt Per Centage of Wealth.	Per Capita Debt of Wealth.
	Millions of Dollars.			
United States	$81,750	$1,890	2	$26.5
Great Britain	59,030	3,190	5	80
France	48,450	6,070	12	157.5
Germany	40,260	575	1	11
Russia	32,125	1,630	5	15
Austria	22,560	1,620	7	37.5
Italy	15,800	1,930	12	61
Spain	11,900	1,415	11	80.5
Canada	5,015	285	5	57.5
Australia	5,380	480	8	115.0
Argentina	3,080	440	14	110.0

MONEY OF ALL NATIONS.

(South American Paper Not Included.)

	Gold.	Silver.	Paper.	Total.
1800...	$630,000,000	$1,800,000,000	$410,000,000	$2,840,000,000
1848...	785,000,000	1,940,000,000	1,300,000,000	4,025,000,000
1860...	1,700,000,000	2,400,000,000	1,800,000,000	5,900,000,000
1890...	4,150,000,000	4,005,000,000	3,850,000,000	12,005,000,000
1896...	4,143,000,000	4,236,000,000		
1897...	4,619,000,000	3,977,000,000		

THE WORLD'S STOCK OF PRECIOUS METALS.

Coined and Uncoined.

	As Regards Weight.	As Regards Value. Millions of Dollars.
1848	Tons.	
Gold	3,575	2,417
Silver	113,000	4,685
1898	Tons.	
Gold	9,511	6,420
Silver	199,090	8,461

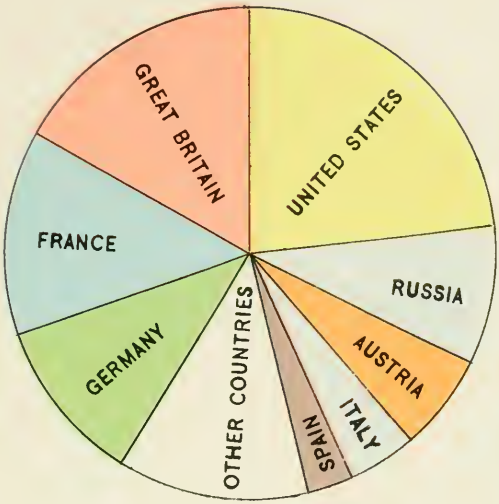
GOLD MONEY OF THE WORLD.

	1897.	1898.
United States	$696,300,000	$925,100,000
France	772,000,000	810,600,000
Germany	654,000,000	668,500,000
United Kingdom	584,000,000	438,000,000
Russia	586,900,000	756,600,000
Austria	178,500,000	227,700,000
The East	229,400,000	129,900,000
Other Countries	658,500,000	638,500,000
	$4,359,600,000	$4,594,900,000

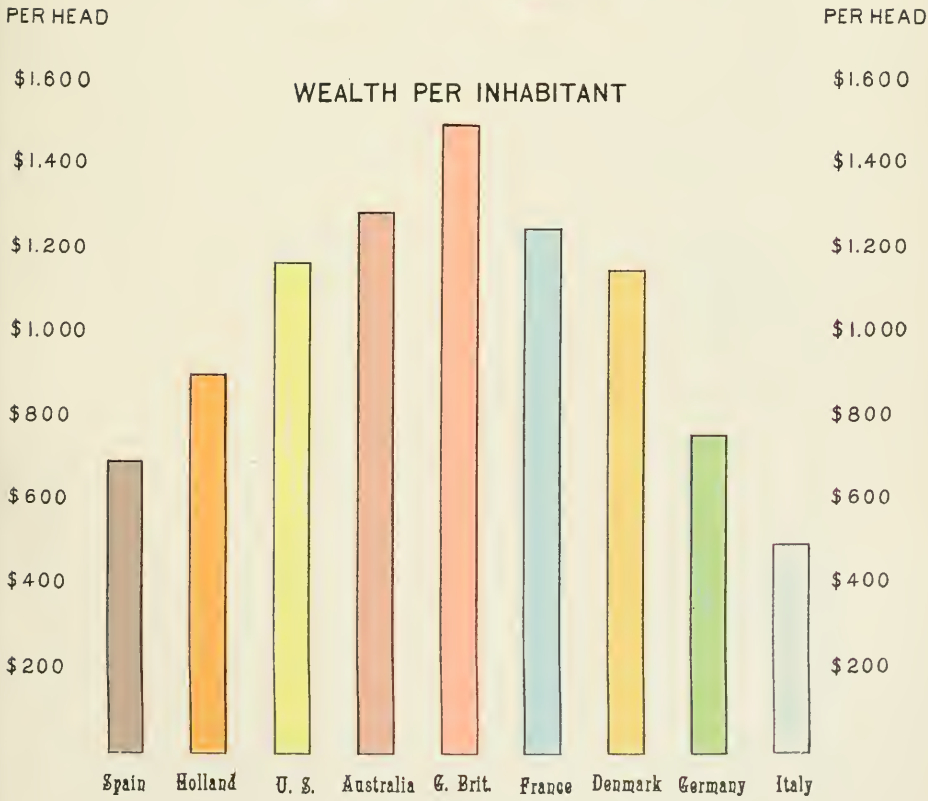
SILVER MONEY OF THE WORLD.

	1897.	1898.
United States	$634,500,000	$638,200,000
United Kingdom	121,700,000	121,700,000
France	443,900,000	419,800,000
Germany	212,800,000	212,800,000
The East	2,135,400,000	1,777,500,000
Other Countries	720,000,000	807,500,000
Total	$4,268,300,000	$3,977,500,000

WEALTH OF NATIONS, 1896

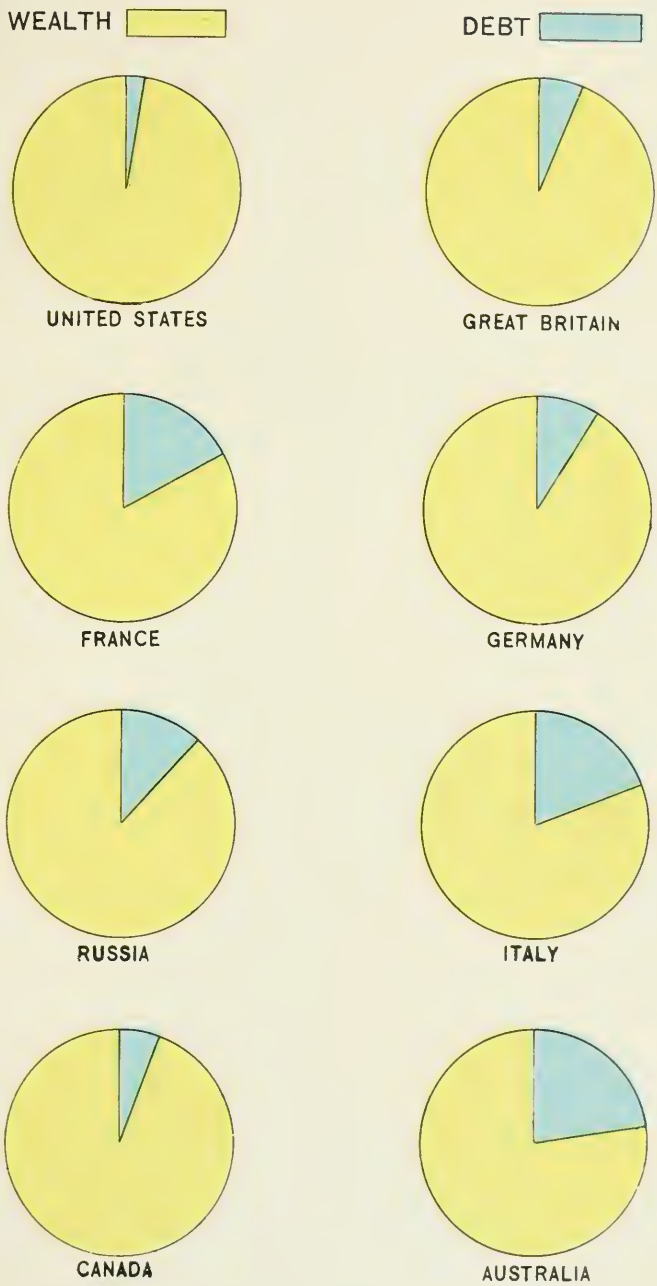


WEALTH PER INHABITANT



LIBRARY
OF THE
UNIVERSITY

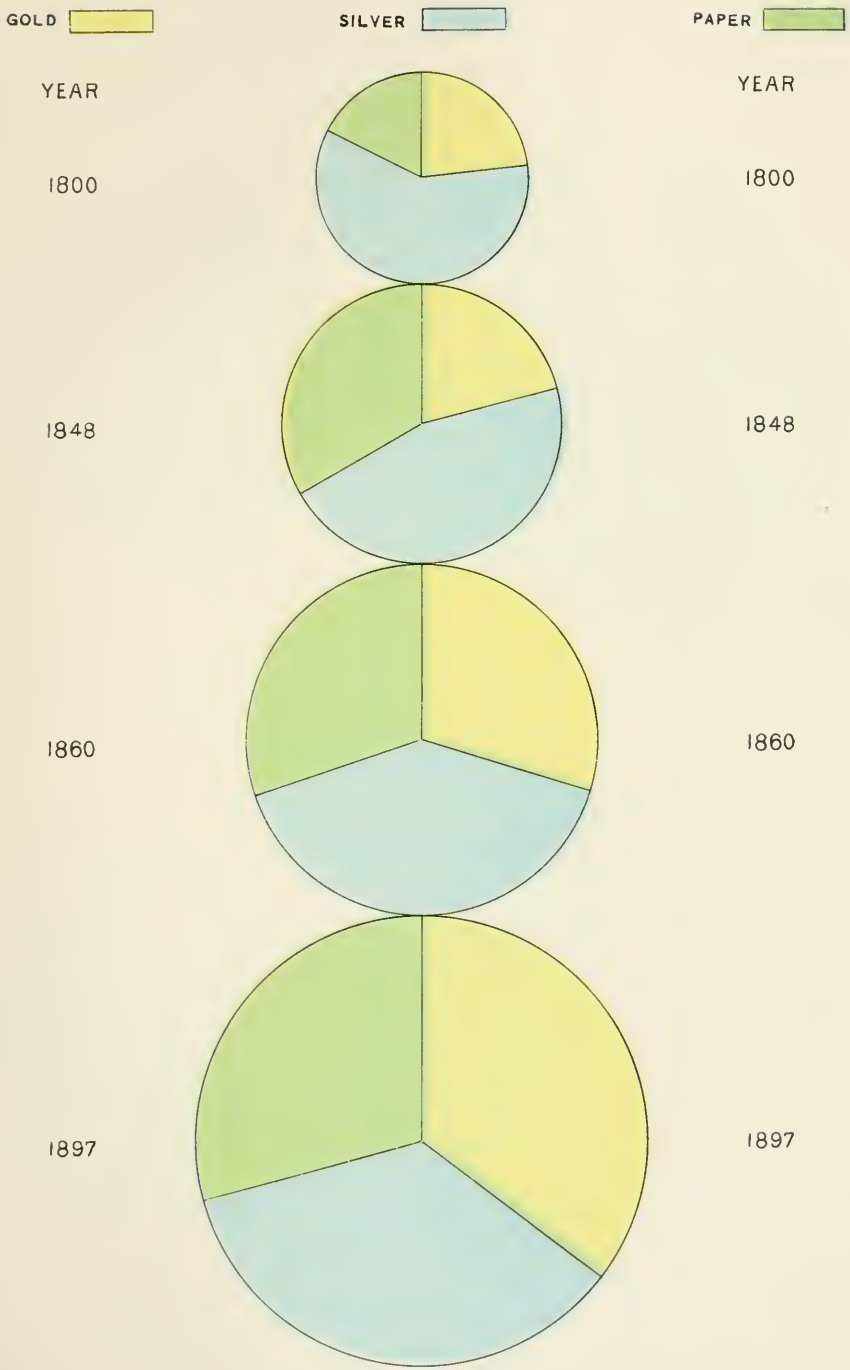
COMPARISON BETWEEN WEALTH AND DEBT OF NATIONS, 1898



LIBRARY
OF THE
UNIVERSITY

MONEY OF ALL NATIONS

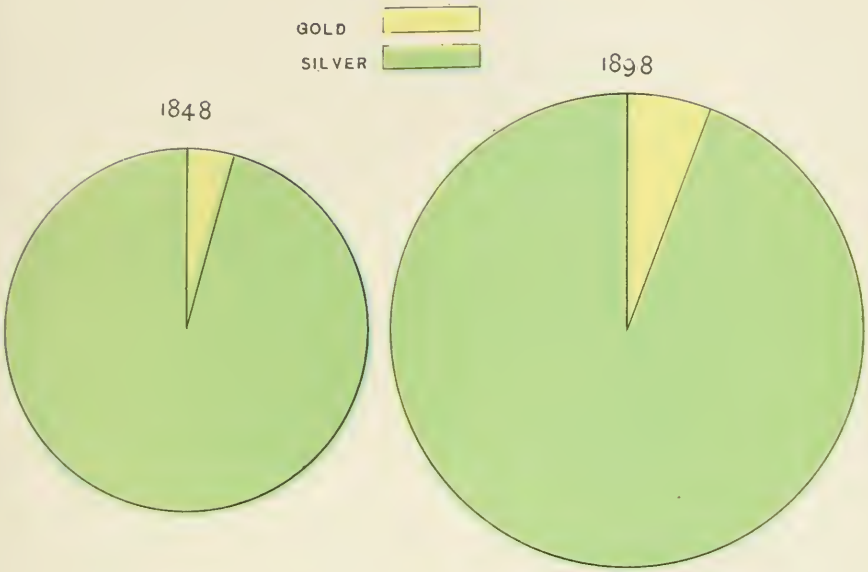
SOUTH AMERICAN PAPER MONEY NOT INCLUDED



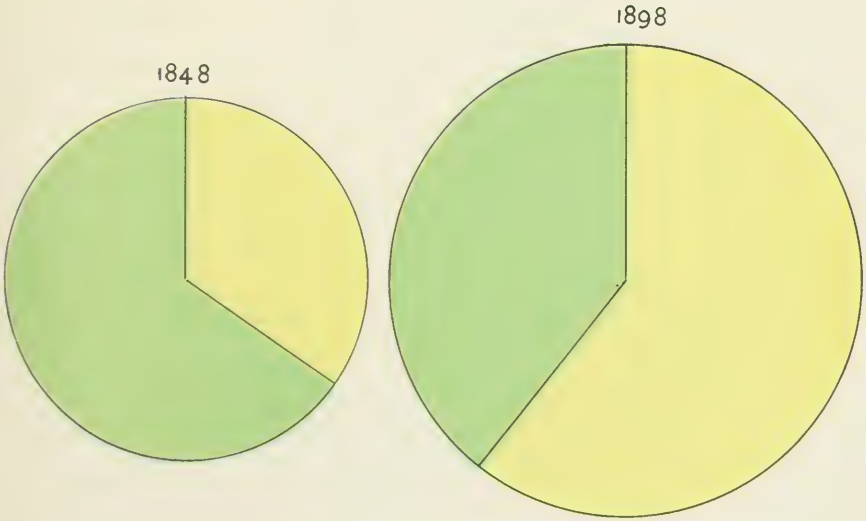
LIBRARY
OF THE
UNIVERSITY

THE WORLD'S STOCK OF PRECIOUS METALS, COINED AND UNCOINED

AS REGARDS WEIGHT



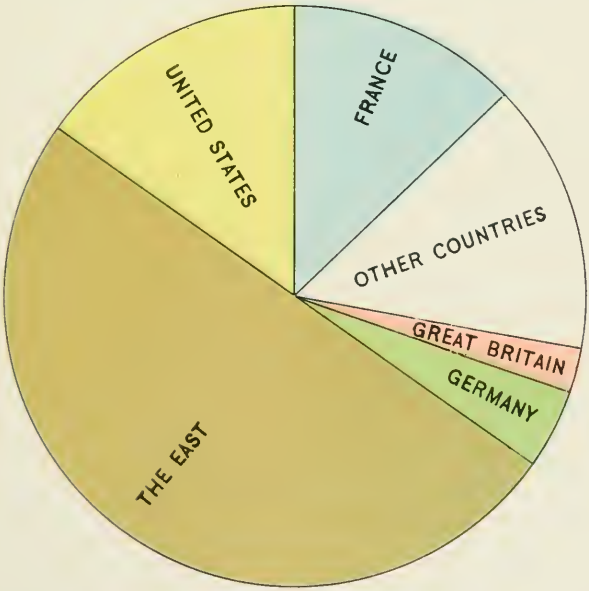
AS REGARDS VALUE



LIBRARY
OF THE
UNIVERSITY
OF
OREGON

GOLD MONEY OF THE WORLD IN 1897

SILVER MONEY OF THE WORLD IN 1897



LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

RAILWAY COST OF THE WORLD, 1897.

United States	$11,775,000,000
Great Britain	5,150,000,000
France	3,305,000,000
Germany	2,870,000,000
Russia	2,015,000,000
Austria	1,835,000,000
South America	1,300,000,000
India	1,115,000,000
Italy	1,005,000,000
Canada	930,000,000
Australia	725,000,000
Spain	610,000,000
Other Countries	2,885,000,000
Total	$35,520,000,000

RAILWAYS OF THE WORLD.

Passenger Traffic in 1870 and in 1897.

	1870.	1897.
United States	110	504
Great Britain	363	1030
Germany	136	646
France	103	375
Austria	21	109
India	—	151
Other Countries	167	
Total	900	

RAILWAYS OF THE WORLD GOODS TRAFFIC, 1870 and 1897.

In Million Tons.

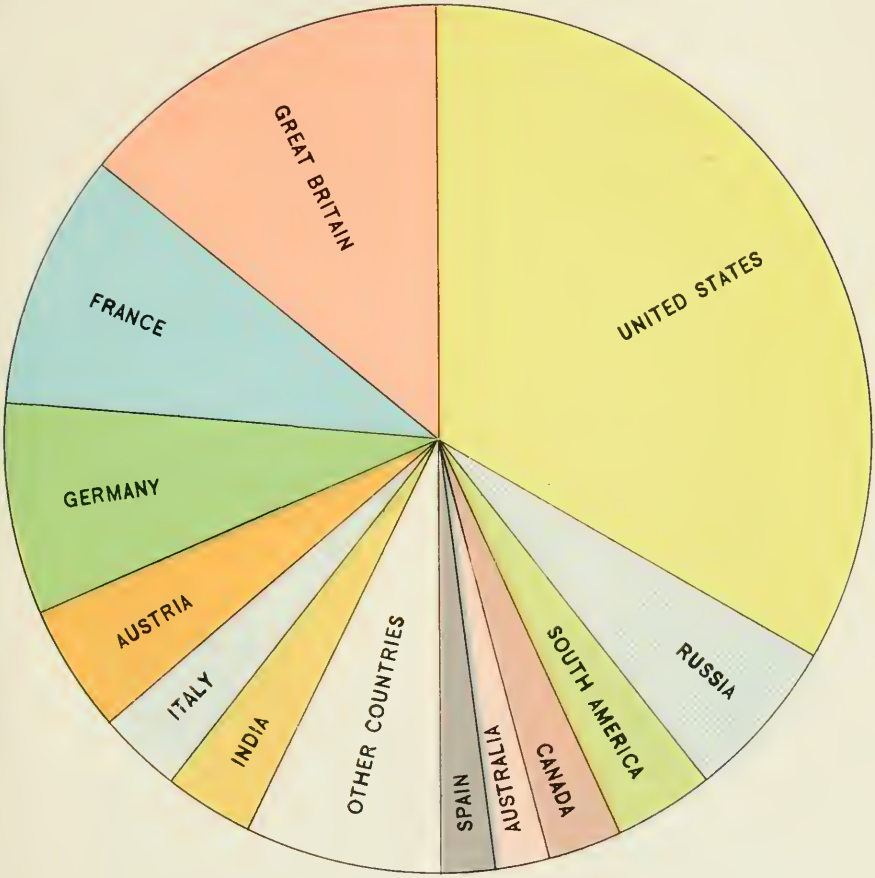
	1870.	1897.
United Kingdom	170	374
United States	150	742
Germany	98	221
France	52	108
Austria	25	104
Russia	—	17
Other Countries	67	—
Total for World	562	—

RAILWAY RATES FOR GOODS TRAFFIC, 1897.

Cents Per Ton for 100 Miles.

	Cents.
Great Britain	348
France	144
Germany	128
Switzerland	280
United States	82
Holland	160
Belgium	136
Italy	320
Austria	200

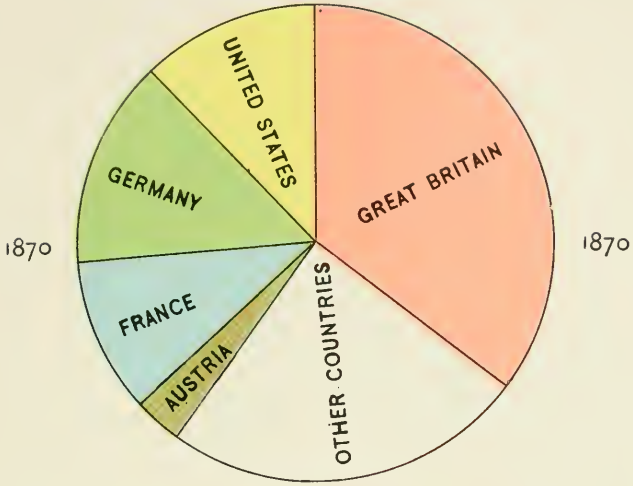
RAILWAY CAPITAL OF THE WORLD (PAID UP) IN 1897



LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

RAILWAYS OF THE WORLD

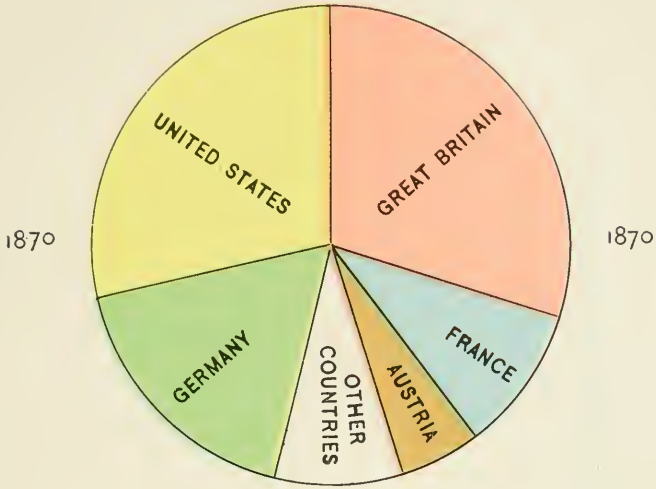
PASSENGER TRAFFIC, IN 1870 AND IN 1897

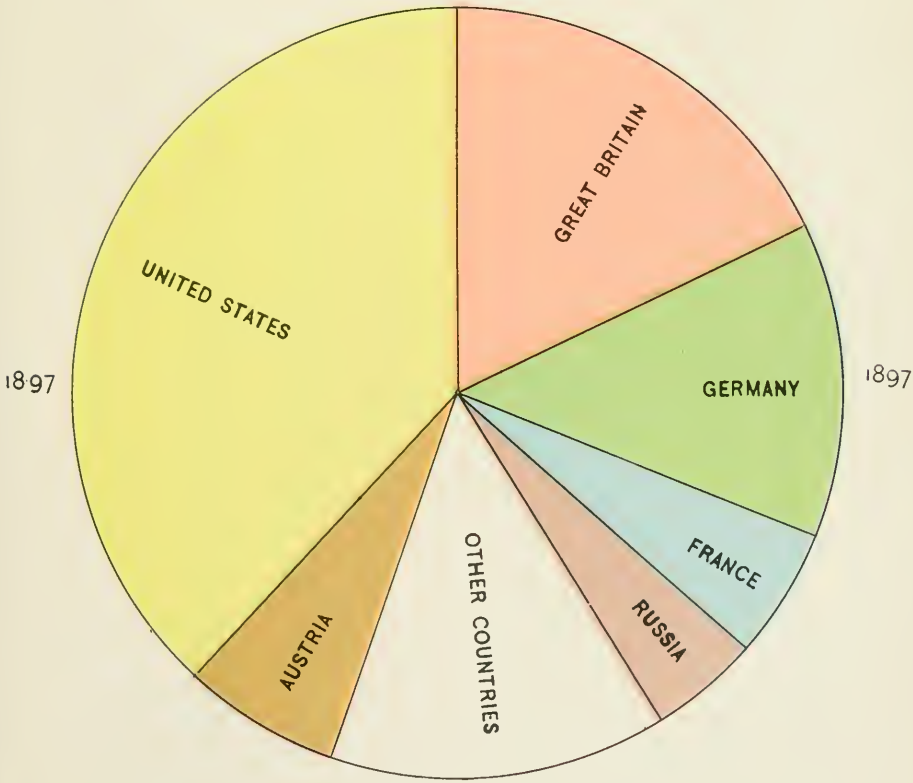


LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

RAILWAYS OF THE WORLD

GOODS TRAFFIC IN 1870 AND IN 1897

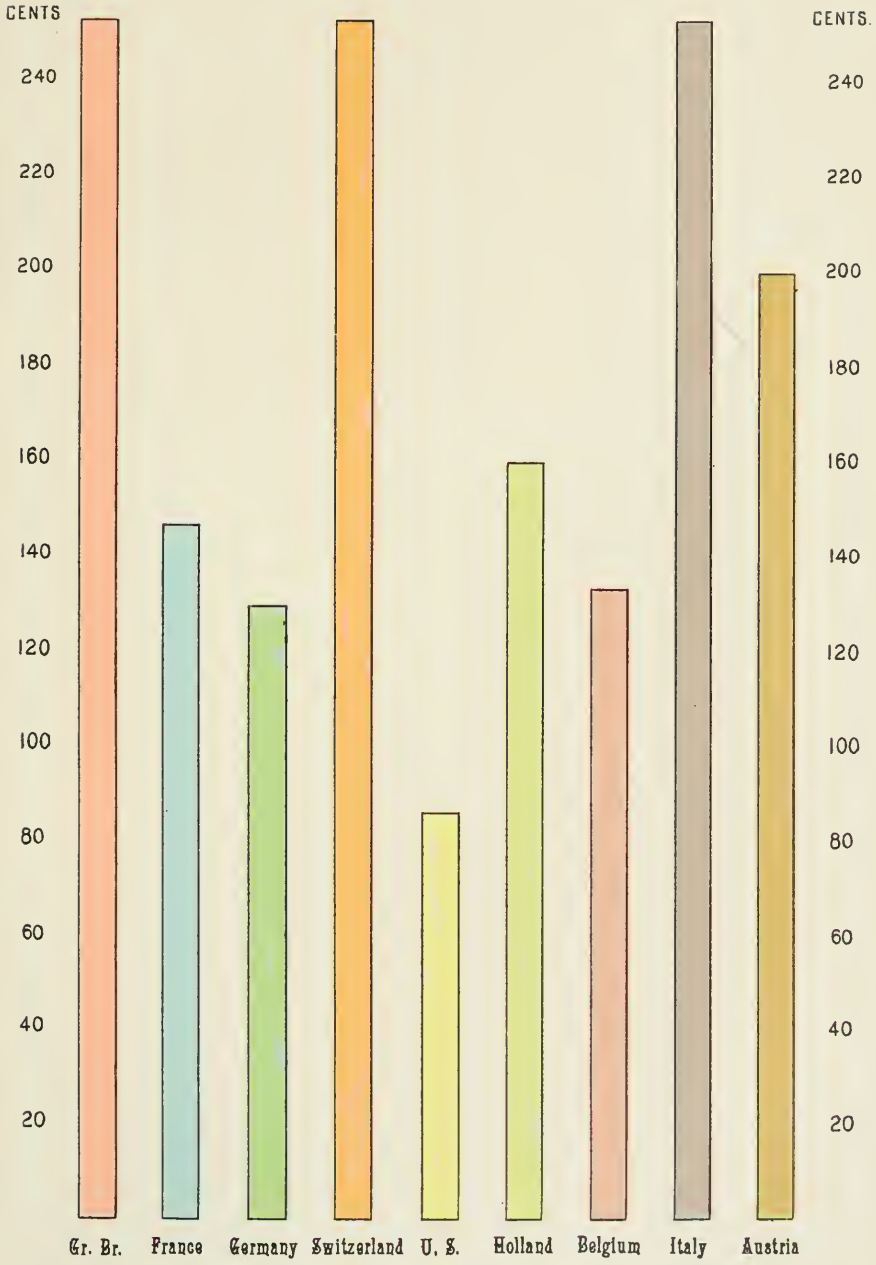




LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

RAILWAY RATES FOR GOODS TRAFFIC, 1897

CENTS PER TON FOR 100 MILES



LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

URBAN AND RURAL POPULATION, 1891.

	Urban.	Per Cent.	Rural.
United States	18,235,000	29.1	44,385,000
Great Britain	20,600,000	54.	17,200,000
France	9,200,000	24.	29,200,000
Germany	15,060,000	30.	36,600,000
Russia	10,900,000	10.	94,900,000
Austria	5,600,000	13.	35,800,000
Italy	5,300,000	17.	25,400,000
Spain	2,900,000	17.	14,700,000
Holland	1,800,000	38.	2,900,000
Belgium	1,700,000	27.	4,600,000
Canada	1,390,910	28.77	3,442,329
Australia	1,578,818	41.4	2,231,077

GRAIN PRODUCTION IN THE WORLD.

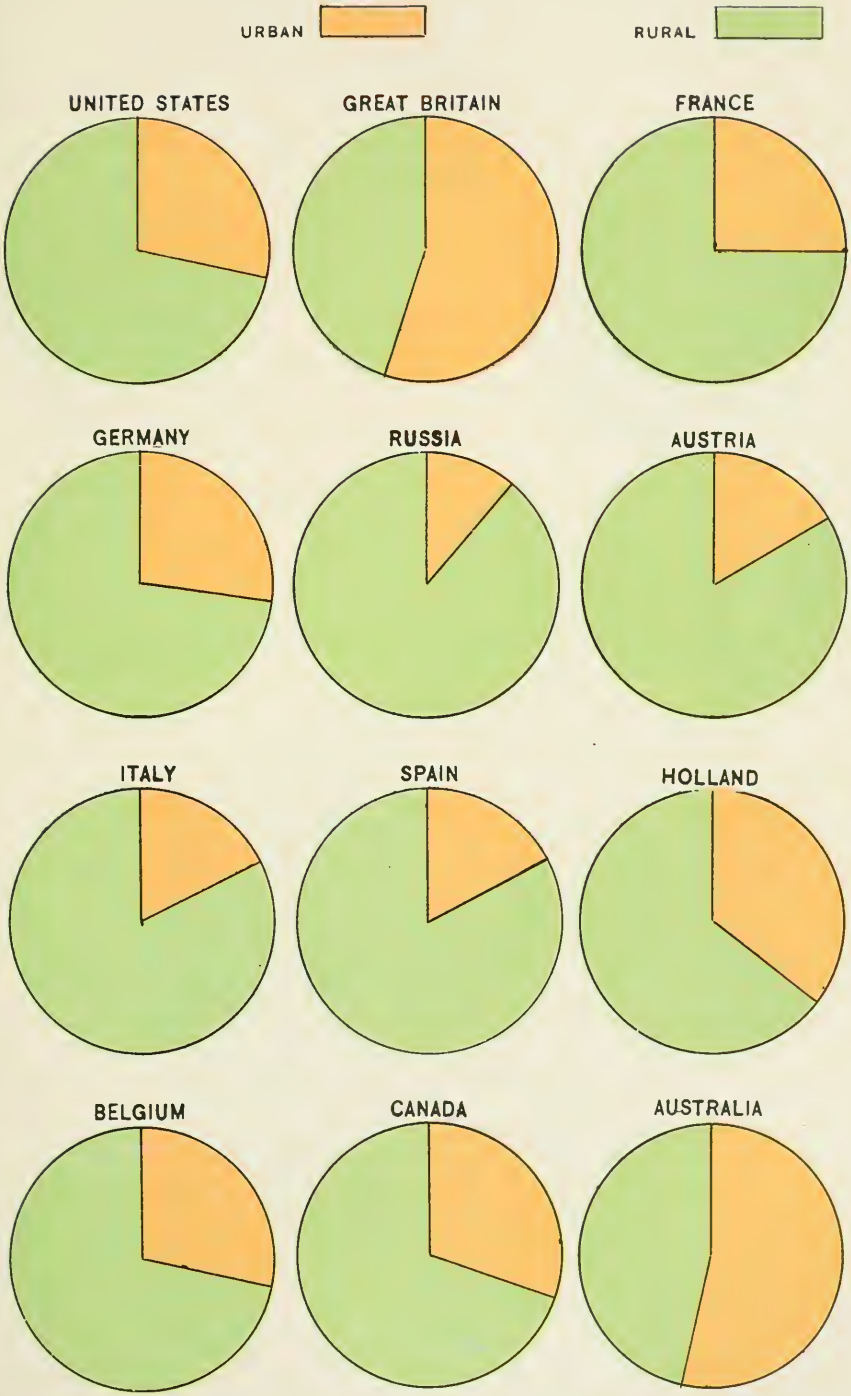
	1897. Tons.
Wheat	56,400,000
Maize	52,500,000
Oats	56,900,000
Barley	19,500,000
Rye	32,900,000

GRAIN PRODUCTION IN 1897.

Millions of Bushels.

Austria	780
Germany	680
France	725
Russia	2,210
United States	3,050
Great Britain	245

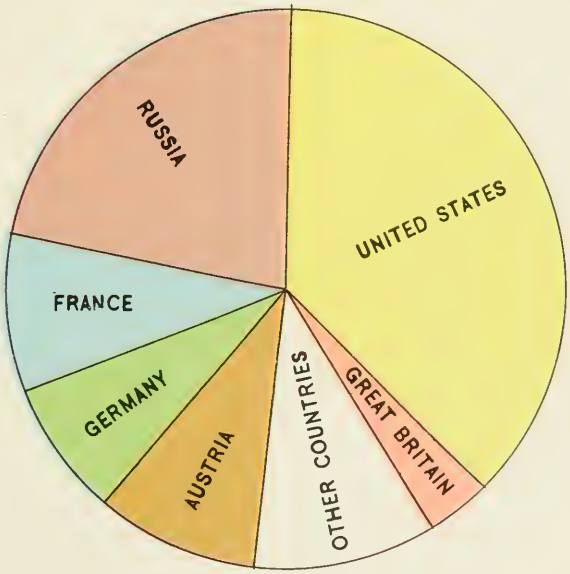
URBAN AND RURAL POPULATION, 1891



LIBRARY
OF THE
UNIVERSITY
OF

GRAIN PRODUCTION IN THE WORLD

GRAIN PRODUCTION IN 1897



LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

MEAT SUPPLY OF THE WORLD, 1896.

	Tons.
Beef	8,420,000
Pork	3,970,000
Mutton	2,810,000
Total	15,200,000

	Tons.
United States	4,500,000
Russia	2,290,000
Germany	1,520,000
Austria	1,210,000
France	1,200,000
Great Britain	760,000
Australia	600,000
Spain	430,000
Argentina	420,000
Other Countries	327,000
Total	15,200,000

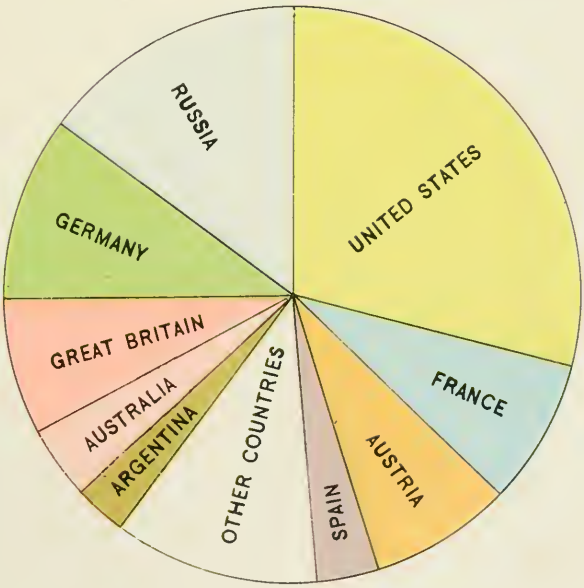
PRODUCTION OF COFFEE SINCE 1832.

In Tons.

	Brazil.	Other Countries.	Total.
1832			95,000
1844			255,000
1855	163,000	158,000	321,000
1865	200,000	222,000	422,000
1875	255,000	233,000	488,000
1885	389,000	329,000	718,000
1892	440,000	260,000	700,000
1897	590,000	250,000	840,000
1898	680,000	260,000	940,000

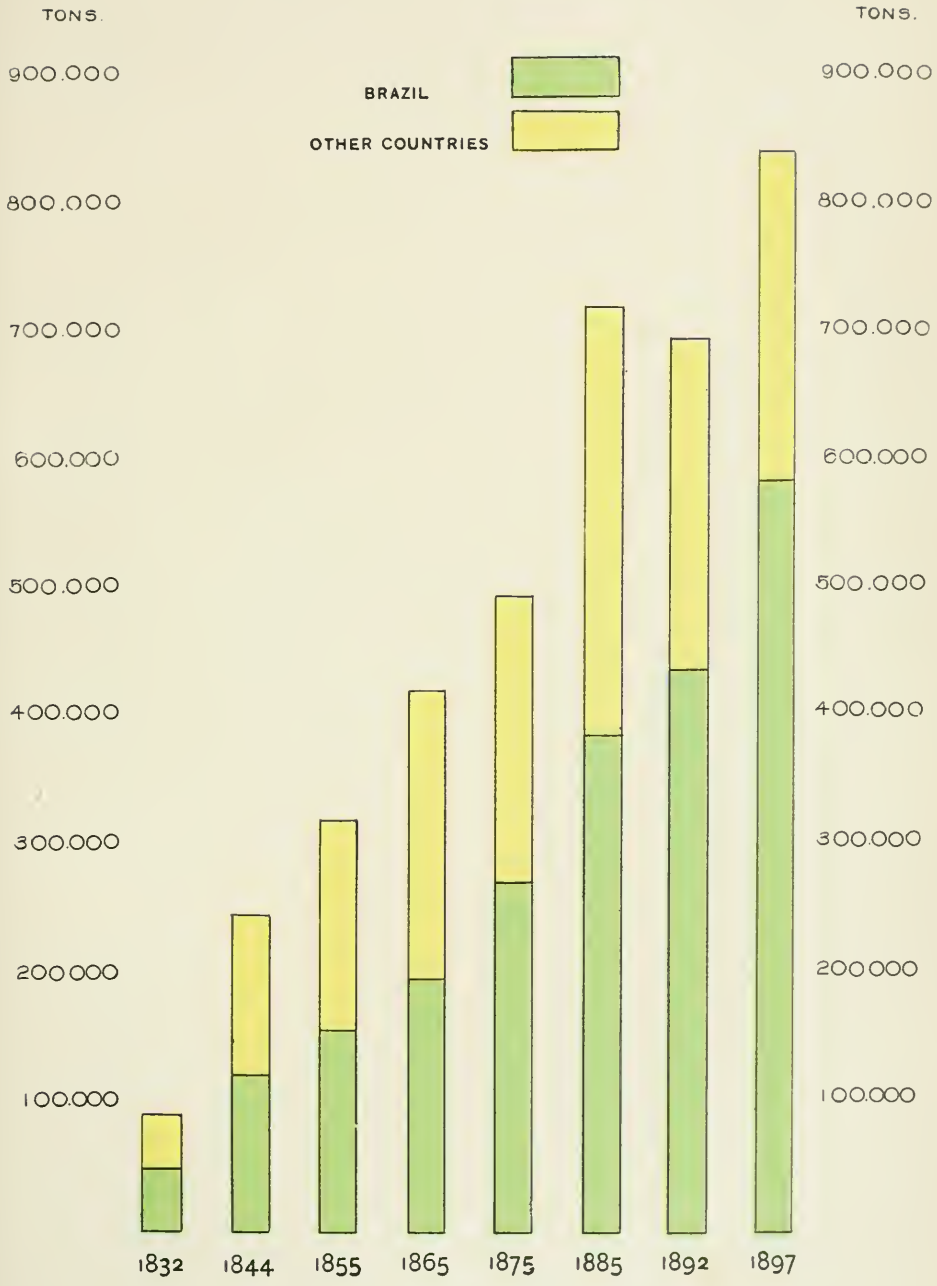
MEAT SUPPLY OF THE WORLD, 1896

MEAT PRODUCERS IN 1896



LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

PRODUCTION OF COFFEE SINCE 1832



LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

THE WORLD'S STEAM-POWER SINCE 1840.

	Horse-Power.
1840	1,650,000
1850	3,990,000
1860	9,380,000
1870	18,460,000
1880	34,150,000
1890	50,150,000
1896	66,100,000

THE WORLD'S COAL PRODUCTION.

	Tons.
1820	17,200,000
1840	44,800,000
1850	81,400,000
1860	142,300,000
1870	213,400,000
1880	340,000,000
1890	520,000,000
1897	610,000,000

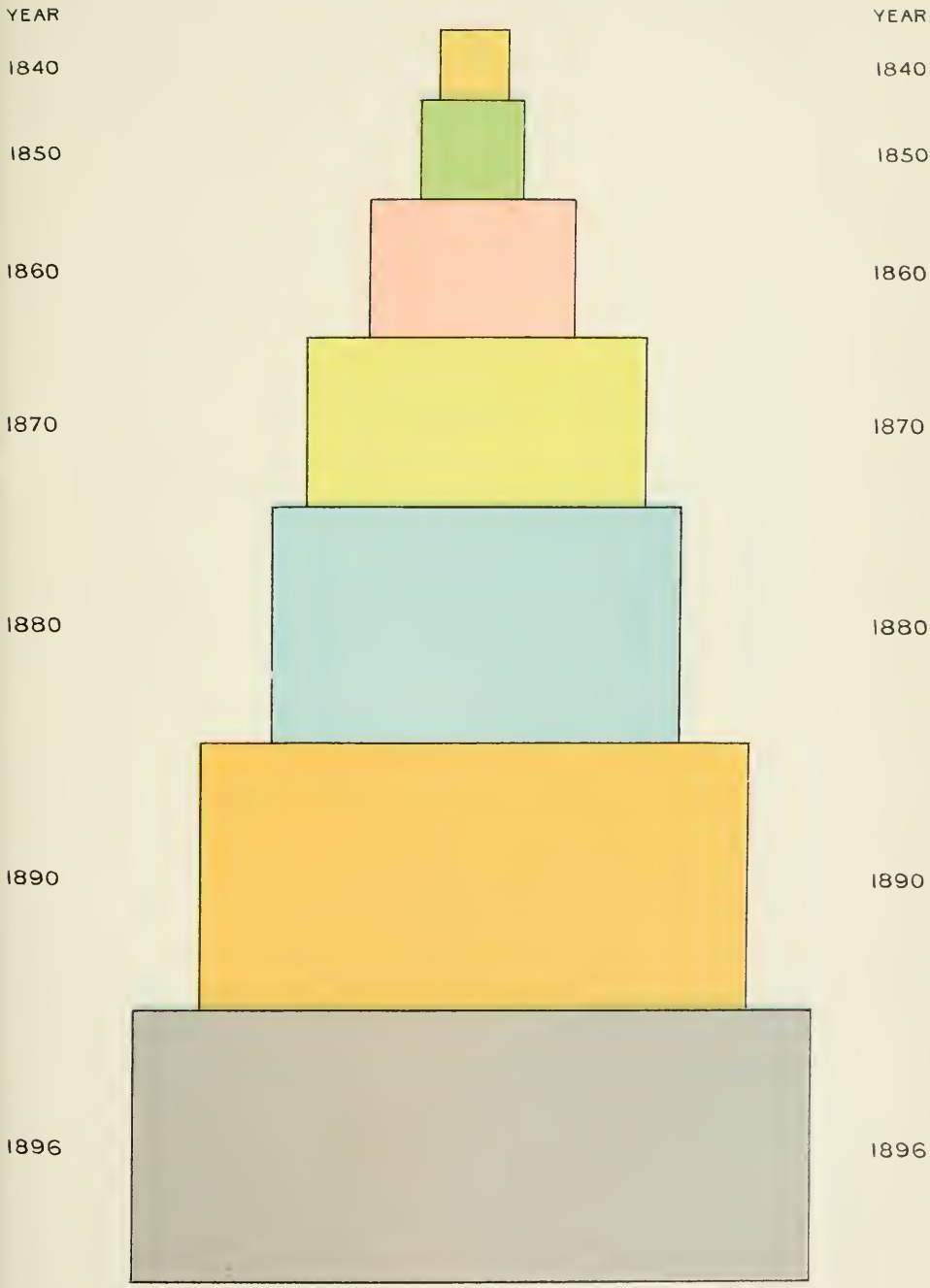
THE WORLD'S PRODUCTIONS OF IRON.

	Tons.
1820	1,010,000
1830	1,585,000
1840	2,680,000
1850	4,422,000
1860	7,180,000
1870	11,910,000
1880	18,140,000
1890	27,157,000
1898	36,570,000

1898, By Countries.

	Tons.
United States	11,962,000
United Kingdom	8,769,000
Germany	7,402,000
France	2,534,000
Russia	2,229,000
Austria	1,250,000
Belgium	982,000
Sweden	510,000
Spain	261,000
Canada	42,000
Italy	13,000
All Others	545,000

THE WORLD'S STEAM POWER SINCE 1840



LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

PRODUCTION OF STEEL.

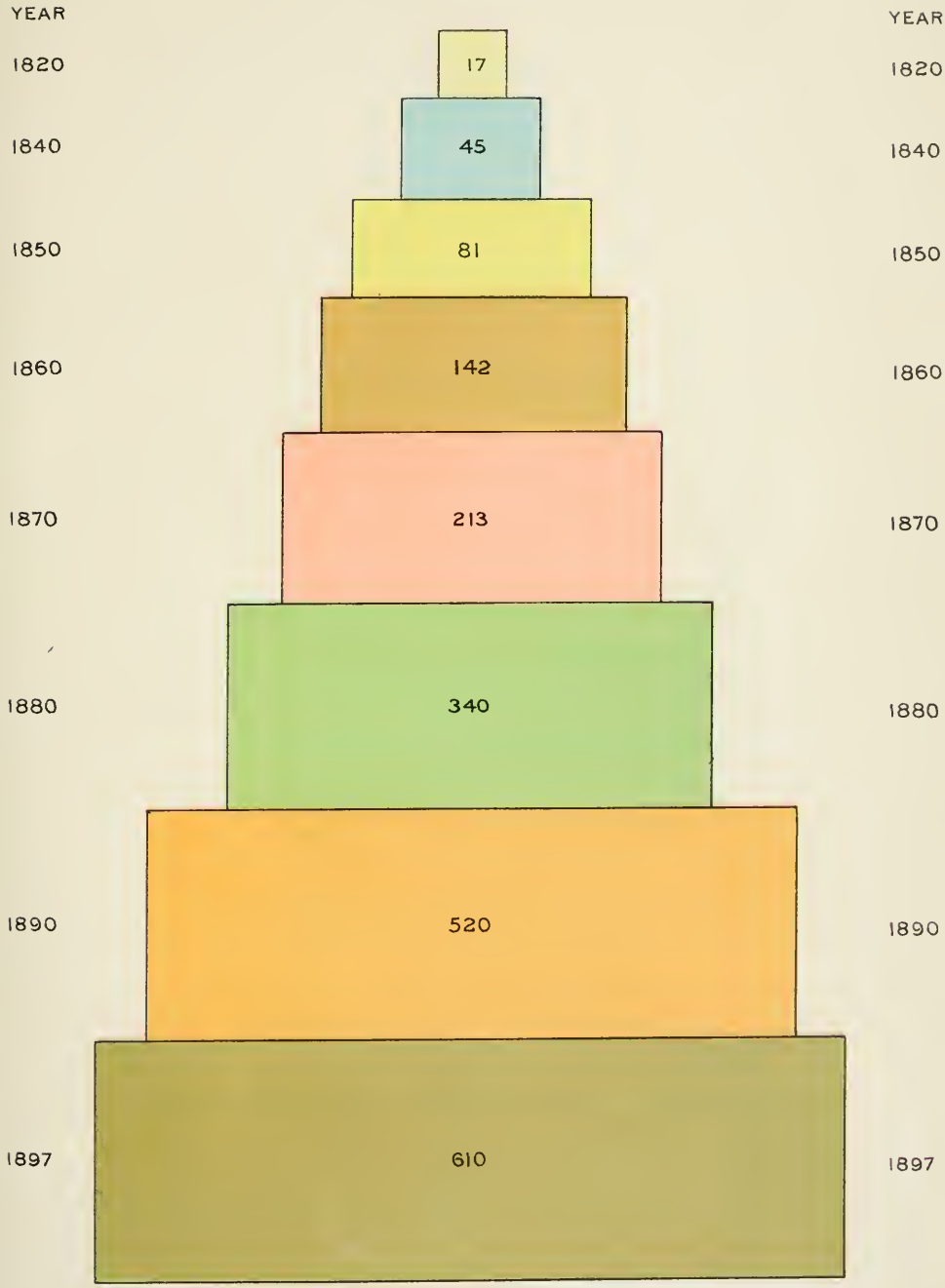
	Tons.
1850	71,000
1870	540,000
1880	4,255,000
1885	6,150,000
1897	20,979,000
1898	24,060,000

1898. Tons.	By Countries.	1897. Tons.
9,075,000	United States	7,289,000
4,630,000	United Kingdom	4,560,000
5,734,000	Germany	5,091,000
1,442,000	France	1,282,000
3,170,000	All Others	2,757,000

HARDWARE MANUFACTURES, VALUE, 1896.

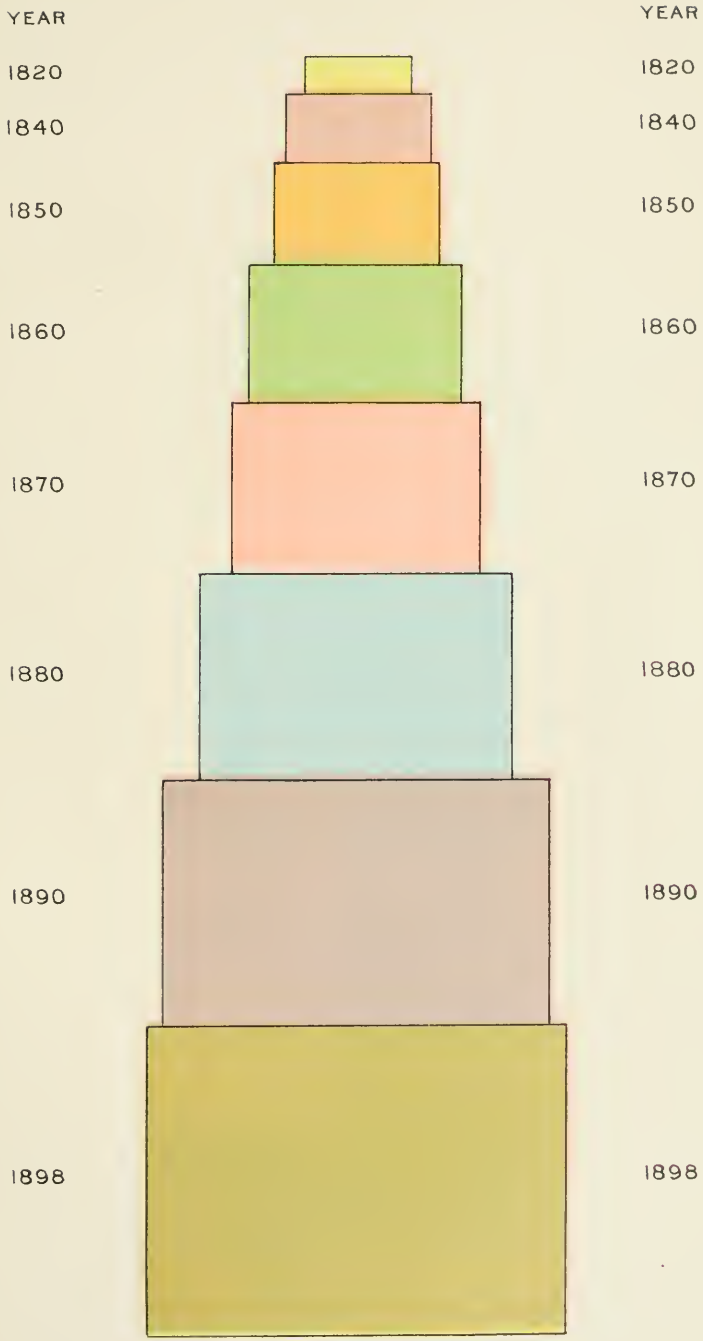
United States	$1,145,000,000
United Kingdom	710,000,000
Germany	525,000,000
France	235,000,000
Other Countries	405,000,000
Total	$3,020,000,000

THE WORLD'S PRODUCTION OF COAL, IN MILLIONS OF TONS



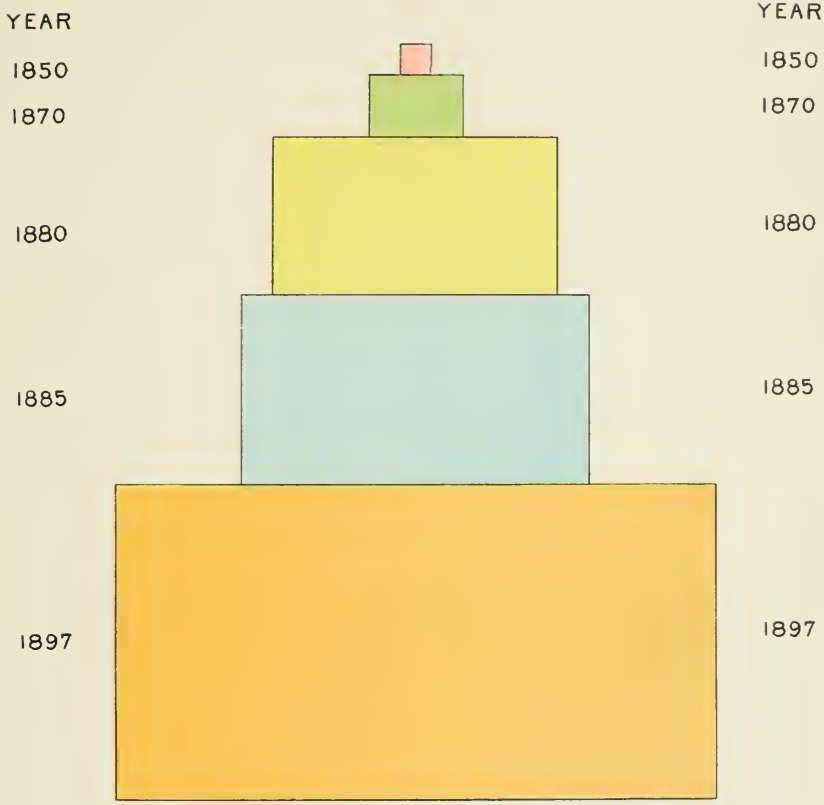
LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

THE WORLD'S PRODUCTION OF IRON

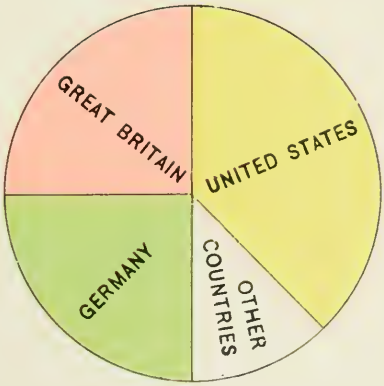


LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

PRODUCTION OF STEEL



PRODUCTION IN 1897



LIBRARY
OF THE
UNIVERSITY
OF

HARDWARE MANUFACTURES, VALUE (1896)

LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

PRODUCTION OF WOOL, ANNUAL AVERAGE, UNWASHED; TONS.

	Australasia.	River Platte.	United States.	Other Countries.	Total.
1821-30	2,000	6,000	10,000	250,000	268,000
1831-40	6,000	10,000	15,000	276,000	307,000
1841-50	12,000	12,000	30,000	326,000	380,000
1851-60	25,000	19,000	32,000	369,500	445,500
1861-70	61,000	51,000	52,000	414,000	578,000
1871-80	133,000	102,000	88,000	466,500	789,500
1881-90	193,000	138,000	120,000	450,000	901,000

Totals.	Tons.	Totals.	Tons.
1891	1,097,000	1896	1,153,000
1894	1,202,000	1898	1,200,000

PRODUCTION OF COTTON.

In Million Pounds.

	United States.	Total.
1820	180	630
1840	878	1,310
1860	1,880	2,551
1870	1,540	2,775
1880	2,593	3,601
1890	4,310	5,600
1897	4,400	5,900

CONSUMPTION OF FIBRE, 1897.

	Cotton.	Wool.	Flax, Jute, etc.	Total.
United States	600,000	270,000	340,000	1,210,000
Great Britain	710,000	230,000	420,000	1,360,000
France	180,000	210,000	190,000	580,000
Germany	280,000	200,000	110,000	590,000
Russia	190,000	110,000	440,000	740,000
India	220,000	10,000	260,000	490,000
Austria	120,000	60,000	180,000	360,000

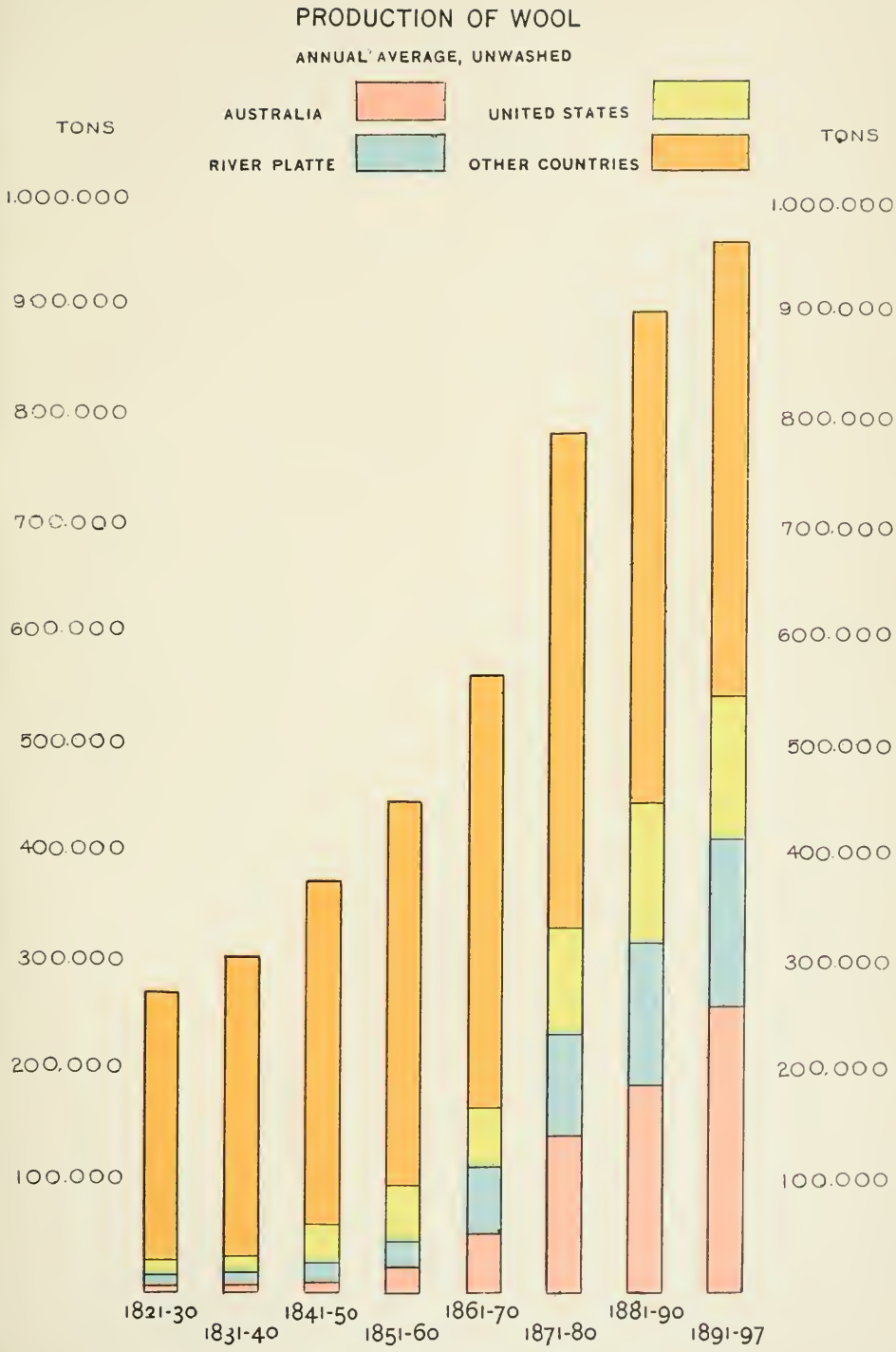
THE WORLD'S CONSUMPTION OF FIBRE IN 1840 AND 1897.

Tons.

	1840.	1897.
Cotton	540,000	2,700,000
Wool	310,000	1,200,000
Flax, etc.	596,000	2,200,000

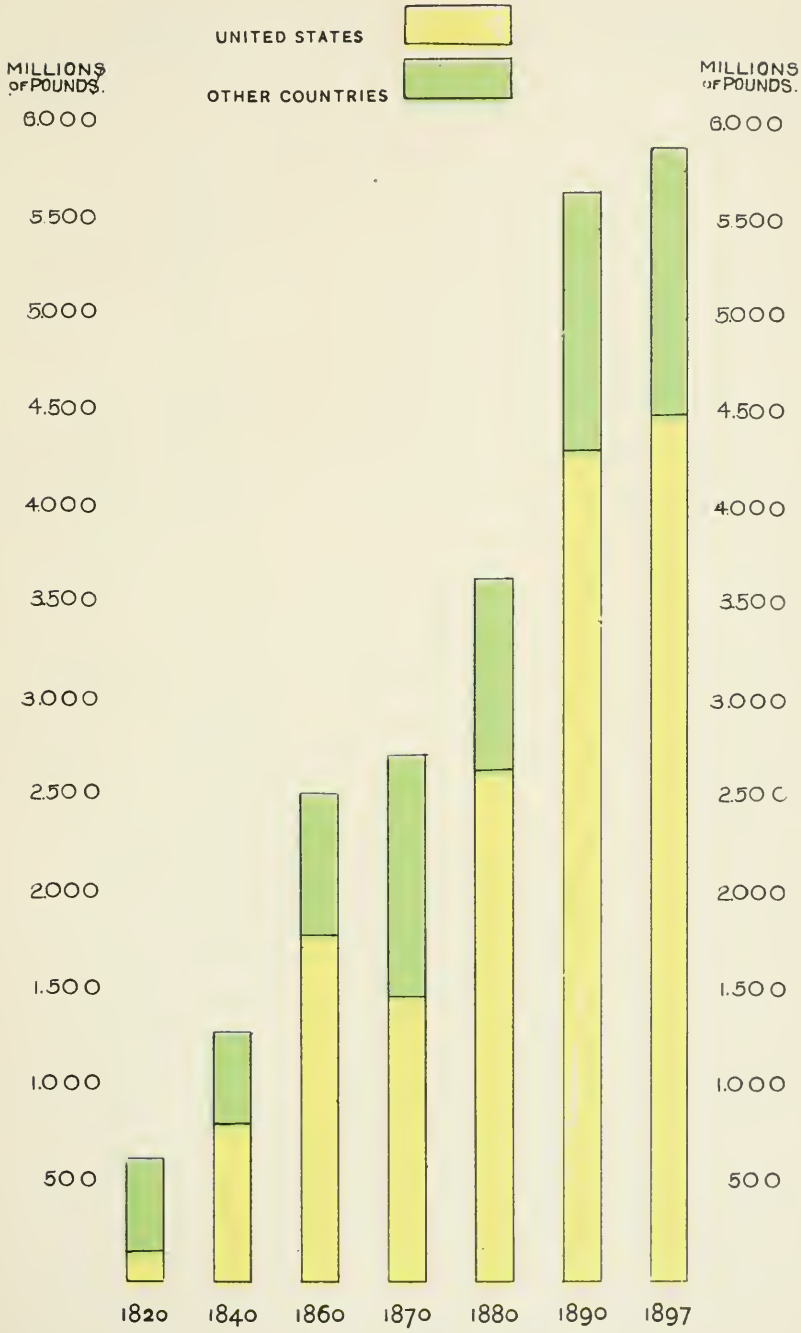
TEXTILE MANUFACTURES, VALUE, 1896.

United States	$940,000,000
United Kingdom	955,000,000
France	575,000,000
Germany	540,000,000
Russia	405,000,000
Austria	280,000,000
Other Countries	580,000,000
Total	$4,275,000,000


PRODUCTION OF WOOL
ANNUAL AVERAGE, UNWASHED
AUSTRALIA
UNITED STATES
RIVER PLATTE
OTHER COUNTRIES
TONS
TONS
1.000.000
900.000
800.000
700.000
600.000
500.000
400.000
300.000
200.000
100.000
1821-30
1831-40
1841-50
1851-60
1861-70
1871-80
1881-90
1891-97

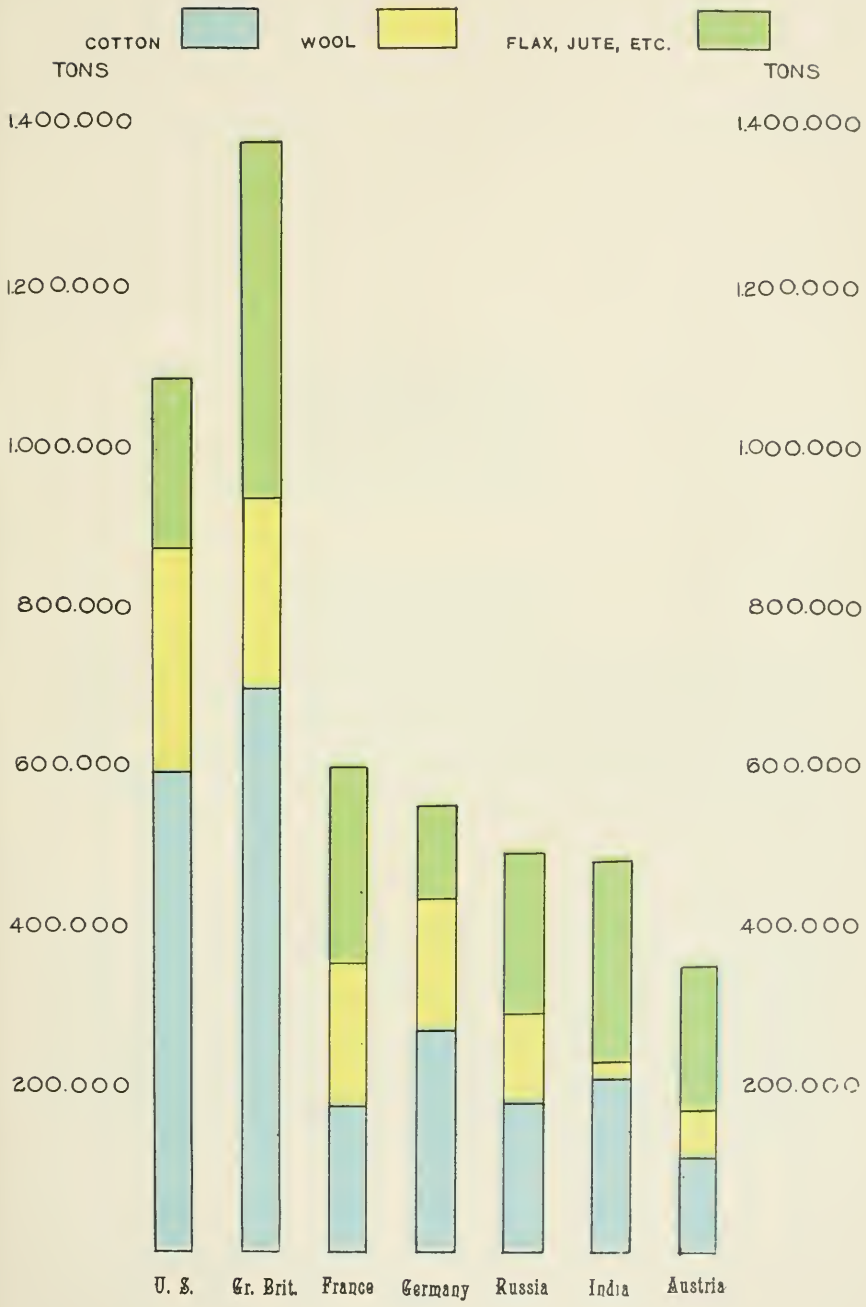
LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

PRODUCTION OF COTTON SINCE 1820



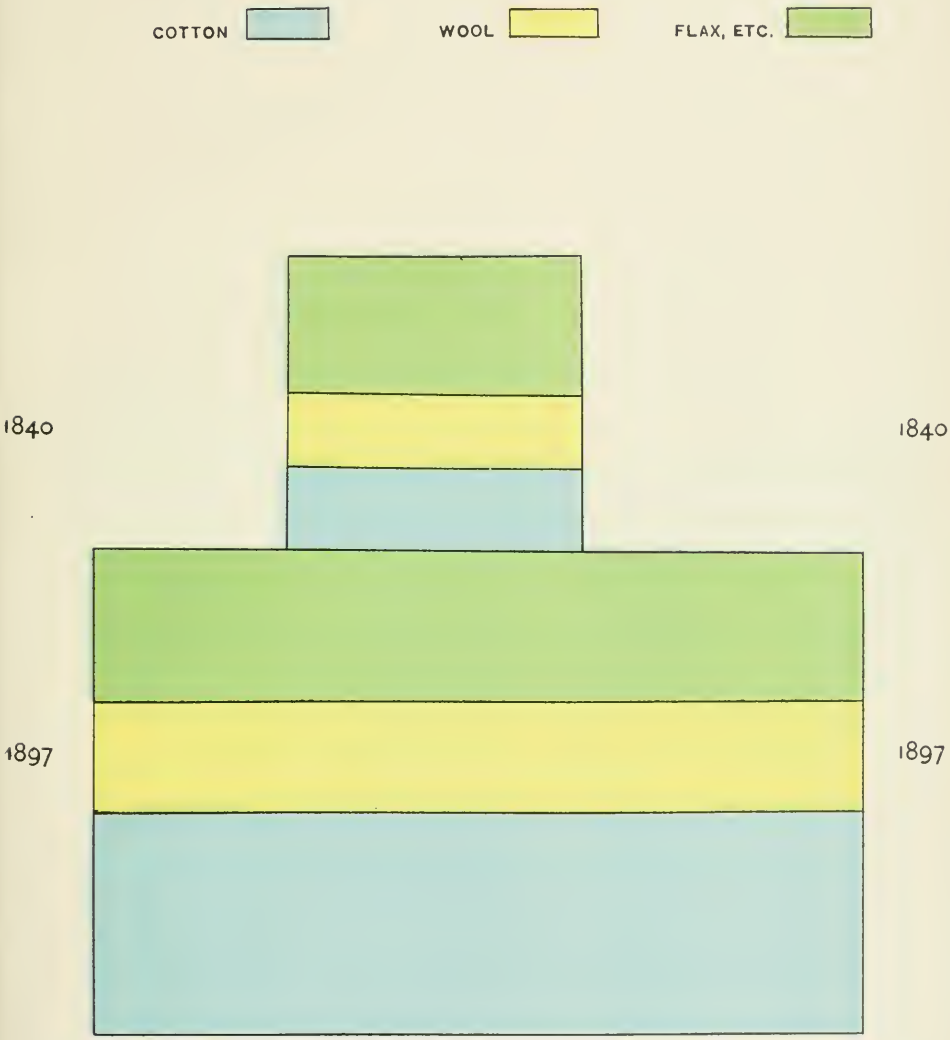
LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

CONSUMPTION OF FIBRE, 1897



LIBRARY
OF THE
UNIVERSITY
OF

THE WORLD'S CONSUMPTION OF FIBRE IN 1840 AND 1897



LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

TEXTILE MANUFACTURES, VALUE (1896)

LIBRARY
OF THE
UNIVERSITY
OF
CALIFORNIA

THIS BOOK IS DUE ON THE LAST DATE
STAMPED BELOW

AN INITIAL FINE OF 25 CENTS
WILL BE ASSESSED FOR FAILURE TO RETURN
THIS BOOK ON THE DATE DUE. THE PENALTY
WILL INCREASE TO 50 CENTS ON THE FOURTH
DAY AND TO $1.00 ON THE SEVENTH DAY
OVERDUE.

OCT 8 1935

SEP 16 1938

16Mar'56HJ

MAR 2 1956 LU

27Mar'56CT

MAR 14 1956 LU

5 May'52LU

REC'D LD
APR 21 1962

LD 21-100m-7,'33

TD055914

HA48
.H3

95535

Harper